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# SME Network Portfolio and Product Specifications

## eKitEngine Routers & Gateways

| Bandwidth | Wi-Fi Routers                                                                                                                                                                                                                                                                 | Wired Routers                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                             | Gateway                                                                                                                                                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | GE                                                                                                                                                                                                                                                                            | GE                                                                                                                                                                                                                                                  | 10 GE                                                                                                                                                                                                                                                                       | GE                                                                                                                                                                                                                                                              |
| 6 Gbps    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     | <div><br/><b>AR730</b><ul style="list-style-type: none"><li>1x 10GE SFP+ + 2x GE Combo WAN</li><li>1x GE Combo + 8x GE LAN</li><li>2x USB</li><li>IPSec, LZTP</li><li>Rack</li></ul></div> |                                                                                                                                                                                                                                                                 |
| 4 Gbps    |                                                                                                                                                                                                                                                                               | <div><br/><b>AR720</b><ul style="list-style-type: none"><li>2x GE Combo WAN</li><li>8x GE LAN</li><li>2x USB</li><li>IPSec, LZTP</li><li>Rack</li></ul></div>      |                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                 |
| 2 Gbps    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                             | <div><br/><b>S380-H8T3ST</b><ul style="list-style-type: none"><li>1x GE SFP + 2x GE WAN</li><li>8x GE LAN</li><li>EasyWeb</li><li>Rack</li></ul></div>                       |
|           |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                             | <div><br/><b>S380-S8T2T</b><ul style="list-style-type: none"><li>2x GE WAN</li><li>8x GE LAN</li><li>EasyWeb</li><li>Rack</li></ul></div>                                  |
|           |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                             | <div><br/><b>S380-S8P2T</b><ul style="list-style-type: none"><li>2x GE WAN</li><li>8x GE(PoE+) LAN</li><li>124W PoE Budget</li><li>EasyWeb</li><li>Desktop</li></ul></div> |
| 1 Gbps    | <div><br/><b>AR303W</b><ul style="list-style-type: none"><li>1x GE Combo WAN</li><li>4x GE LAN</li><li>1x USB</li><li>Wi-Fi 5: 866Mbps</li><li>IPSec, LZTP</li><li>Desktop</li></ul></div> | <div><br/><b>AR303</b><ul style="list-style-type: none"><li>1x GE Combo WAN</li><li>4x GE LAN</li><li>1x USB</li><li>IPSec, LZTP</li><li>Desktop</li></ul></div> |                                                                                                                                                                                                                                                                             | <div><br/><b>S380-L4T1T</b><ul style="list-style-type: none"><li>1x GE WAN</li><li>4x GE LAN</li><li>EasyWeb</li><li>Desktop</li></ul></div>                               |
|           |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                             | <div><br/><b>S380-L4P1T</b><ul style="list-style-type: none"><li>1x GE WAN</li><li>4x GE(PoE+) LAN</li><li>50W PoE Budget</li><li>EasyWeb</li><li>Desktop</li></ul></div>  |

## eKitEngine Routers & Gateways Product Specifications

|                   |                              | Wi-Fi Routers                                                                       | Wired Routers                                                                       |                                                                                     |                                                                                     | Gateway                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------|------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                              | GE                                                                                  | GE                                                                                  |                                                                                     | 10GE                                                                                | GE                                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Picture           |                              |  |  |  |  |  |  |  |  |  |
| Model             |                              | AR303W                                                                              | AR303                                                                               | AR720                                                                               | AR730                                                                               | S380-L4T1T                                                                          | S380-L4P1T                                                                          | S380-S8T2T                                                                          | S380-S8P2T                                                                          | S380-H8T3ST                                                                         |
| Hardware          | WAN Ports                    | 1x GE Combo                                                                         | 1x GE Combo                                                                         | 2x GE Combo                                                                         | 1x 10GE SFP+<br>2x GE Combo                                                         | 1x GE                                                                               | 1x GE                                                                               | 2x GE                                                                               | 2x GE                                                                               | 1x GE SFP<br>2x GE                                                                  |
|                   | LAN Ports                    | 4x GE                                                                               | 4x GE                                                                               | 8x GE                                                                               | 8x GE                                                                               | 4x GE                                                                               | 4x GE                                                                               | 8x GE                                                                               | 8x GE                                                                               | 8x GE                                                                               |
|                   | Console Ports                | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | USB Ports                    | 1                                                                                   | 1                                                                                   | 2                                                                                   | 2                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Ports                    | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | 4x GE(PoE+)                                                                         | -                                                                                   | 8x GE(PoE+)                                                                         | -                                                                                   |
|                   | PoE Budget                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | 50W                                                                                 | -                                                                                   | 124W                                                                                | -                                                                                   |
|                   | Wi-Fi                        | Wi-Fi 5<br>866 Mbps                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Dimensions                   | 38 x 240 x 161.5 mm                                                                 | 38 x 240 x 161.5 mm                                                                 | 44.4 x 442 x 220.4 mm                                                               | 44.4 x 442 x 220.4 mm                                                               | 35 x 210 x 130 mm                                                                   | 35 x 210 x 130 mm                                                                   | 43.6 x 442 x 160 mm                                                                 | 35 x 210 x 130 mm                                                                   | 43.6 x 442 x 160 mm                                                                 |
|                   | Weight                       | 0.6 kg                                                                              | 0.58 kg                                                                             | 3.2 kg                                                                              | 3.2 kg                                                                              | 0.7 kg                                                                              | 0.7 kg                                                                              | 1.6 kg                                                                              | 0.7 kg                                                                              | 1.6 kg                                                                              |
|                   | Max. Power Consumption       | 12 W                                                                                | 12 W                                                                                | 33 W                                                                                | 33 W                                                                                | 6.11 W                                                                              | 11.65 W<br>With PoE: 61.65 W                                                        | 10.55 W                                                                             | 21.8 W<br>With PoE: 145.8 W                                                         | 11.5 W                                                                              |
|                   | Installation                 | Desktop                                                                             | Desktop                                                                             | Rack                                                                                | Rack                                                                                | Desktop                                                                             | Desktop                                                                             | Rack                                                                                | Desktop                                                                             | Rack                                                                                |
| Performance       | Max. Clients                 | 200                                                                                 | 200                                                                                 | 700                                                                                 | 1200                                                                                | 200                                                                                 | 200                                                                                 | 300                                                                                 | 250                                                                                 | 500                                                                                 |
|                   | Egress Bandwidth             | 1 Gbps                                                                              | 1 Gbps                                                                              | 4 Gbps                                                                              | 6 Gbps                                                                              | 1 Gbps                                                                              | 1 Gbps                                                                              | 2 Gbps                                                                              | 2 Gbps                                                                              | 2 Gbps                                                                              |
|                   | NAT Forwarding Bandwidth     | 500Mbps                                                                             | 500Mbps                                                                             | 2Gbps                                                                               | 2Gbps                                                                               | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Max. managed APs             | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | 32                                                                                  | 32                                                                                  | 64                                                                                  | 64                                                                                  | 128                                                                                 |
| IPSec VPN         | Max. Tunnels                 | 75                                                                                  | 75                                                                                  | 2000                                                                                | 2000                                                                                | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Throughput (SHA2-256-AES256) | 200 Mbps                                                                            | 200 Mbps                                                                            | 2 Gbps                                                                              | 2 Gbps                                                                              | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | NAT Traversal                | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| L2TP VPN          | Max. Tunnels                 | 16                                                                                  | 16                                                                                  | 128                                                                                 | 128                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Server                       | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Client                       | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| other VPN         |                              | L2TP VPN, GRE, A2A VPN, DSVPN                                                       |                                                                                     |                                                                                     |                                                                                     | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
| Security          |                              | Supports access control, URL filtering, NAC, and ARP flood defense.                 |                                                                                     |                                                                                     |                                                                                     | Support defense against TCP SYN, UDP                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Load balancing    |                              | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
| EasyWeb           |                              | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
| Routing           |                              | Static routing, routing policy, RIP, OSPF, IS-IS, and BGP                           |                                                                                     |                                                                                     |                                                                                     | Static routing                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode              | Cloud management via SNC, eKit APP, EasyWeb                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode              | Web, SSH, SNMP, CLI                                                                 |                                                                                     |                                                                                     |                                                                                     | Web, SSH                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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eKitEngine L3/L2+/L2 Managed and Umanaged Switches

| Ports   |      | Unmanaged                                                                                                                                                             | L2 Managed                                                                                                                                                                    |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        | L2+ Managed                                                                                                                                                                                 |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          | L3 Managed                                                                                                                                                                                                         |                         |
|---------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
|         |      | 1 Gbps                                                                                                                                                                | 1 Gbps with 1G Uplink                                                                                                                                                         | 1 Gbps with 2.5G Uplink                                                                                                                                            | 1 Gbps with 10G Uplink                                                                                                                                                                 | 2.5 Gbps with 10 G Uplink                                                                                                                                                                              | 1 Gbps with 1G Uplink                                                                                                                                                                       | 1 Gbps with 2.5G Uplink                                                                                                                                                                        | 1 Gbps with 10G Uplink                                                                                                                                                                                  | 2.5 Gbps with 10 G Uplink                                                                                                                                                                                | 1 Gbps with 10G Uplink                                                                                                                                                                                             | 1 Gbps with 100G Uplink |
| Non-PoE | 8    | <br><b>S110-8T2ST</b><br>· 8x GE<br>· 1x GE SFP + 1x GE                              | <br><b>S220-8T4S</b><br>· 8x GE<br>· 4x GE SFP<br>· SNMP, CLI                                | <br><b>S220S-8T2J</b><br>· 8x GE<br>· 2x 2.5GE SFP                                | <br><b>S220S-8T2X</b><br>· 8x GE<br>· 2x 10GE SFP+                                                    |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                | <br><b>S310S-8T2X</b><br>· 8x GE<br>· 2x 10GE SFP+                                                                    |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      | <br><b>S110-16T2S</b><br>· 16x GE<br>· 2x GE SFP                                     |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         | 16   | <br><b>S110-24T2SR</b><br>· 24x GE<br>· 2x GE SFP                                    |                                                                                                                                                                               | <br><b>S220S-24T4J</b><br>· 24x GE<br>· 4x 2.5GE SFP                              | <br><b>S220S-24T4X</b><br>· 24x GE<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+                                |                                                                                                                                                                                                        | <br><b>S310S-24T4J</b><br>· 24x GE<br>· 4x GE SFP<br>· SNMP, CLI<br>· Stacking                             | <br><b>S310S-24T4J</b><br>· 24x GE<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+                                        | <br><b>S310S-24T4X</b><br>· 24x GE<br>· 4x 10GE SFP<br>· 2x 10GE SFP+                                                 |                                                                                                                                                                                                          | <br><b>S530-24T4XE</b><br>· 24x GE<br>· 4x 10GE SFP+<br>· 4x 10GE Stack<br>· SNMP, CLI<br>· Stacking                            |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    | <br><b>S220-24T4X</b><br>· 24x GE<br>· 4x 10GE SFP+<br>· SNMP, CLI                                    |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                | <br><b>S310-24T4X</b><br>· 24x GE<br>· 4x 10GE SFP<br>· SNMP, CLI<br>· Stacking                                       |                                                                                                                                                                                                          | <br><b>S530-24T4XE</b><br>· 24x GE SFP<br>· 8x GE Combo<br>· 4x 10GE SFP+<br>· 2x 10GE Stack<br>· SNMP, CLI<br>· Stacking       |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                | <br><b>S310-24T4X</b><br>· 16x GE SFP<br>· 8x GE Combo<br>· 4x 10GE SFP<br>· SNMP, CLI<br>· Stacking                  |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         | 24   |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       | <br><b>S220-48T4S</b><br>· 48x GE<br>· 4x GE SFP<br>· SNMP, CLI                              |                                                                                                                                                                    | <br><b>S220-48T4X</b><br>· 48x GE<br>· 4x 10GE SFP+<br>· SNMP, CLI                                    |                                                                                                                                                                                                        | <br><b>S310-48T4S</b><br>· 48x GE<br>· 4x GE SFP<br>· SNMP, CLI<br>· Stacking                              | <br><b>S310-48T4X</b><br>· 48x GE<br>· 4x 10GE SFP<br>· SNMP, CLI<br>· Stacking                               | <br><b>S530-48S4XE</b><br>· 48x GE SFP<br>· 4x 10GE SFP+<br>· 2x 10GE Stack<br>· SNMP, CLI<br>· Stacking             |                                                                                                                                                                                                          | <br><b>S620-24T16X8Y2CZ</b><br>· 24x GE<br>· 16x 10GE SFP+<br>· 8x 25GE SFP28<br>· 2x 100GE QSFP28<br>· SNMP, CLI<br>· Stacking |                         |
|         | 48   |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
| PoE     | 8/10 | <br><b>S110-8P2ST</b><br>· 8x GE(PoE+)<br>· 1x GE SFP + 1x GE<br>· 124W PoE Budget | <br><b>S220-8P4S</b><br>· 8x GE(PoE+)<br>· 4x GE SFP<br>· 125W PoE Budget<br>· SNMP, CLI   | <br><b>S220S-8P4J</b><br>· 8x GE(PoE+)<br>· 4x 2.5GE SFP<br>· 128W PoE Budget   | <br><b>S220S-8P4X</b><br>· 8x GE(PoE+)<br>· 2x 2.5GE SFP<br>· 128W PoE Budget                       | <br><b>S220S-10PN4XJ</b><br>· 6x GE(PoE+) + 2x GE<br>· 2x 2.5GE(PoE+) Combo<br>· 2x 10GE SFP+<br>· 128W PoE Budget  |                                                                                                                                                                                             | <br><b>S310S-8P4XJ</b><br>· 8x GE(PoE+)<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+<br>· 128W PoE Budget           | <br><b>S310S-10PN4XJ</b><br>· 6x GE(PoE+) + 2x GE<br>· 2x 2.5GE(PoE+) Combo<br>· 2x 10GE SFP+<br>· 128W PoE Budget |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      | <br><b>S110-16LP2SR</b><br>· 16x GE(PoE+)<br>· 2x GE SFP<br>· 124W PoE Budget      |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         | 16   |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      | <br><b>S110-24LP2SR</b><br>· 24x GE(PoE+)<br>· 2x GE SFP<br>· 124W PoE Budget      |                                                                                                                                                                               | <br><b>S220S-24P4J</b><br>· 24x GE(PoE+)<br>· 4x 2.5GE SFP<br>· 400W PoE Budget | <br><b>S220S-24P4XJ</b><br>· 24x GE(PoE+)<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+<br>· 400W PoE Budget  | <br><b>S220S-26PN4XJ</b><br>· 22x GE(PoE+) + 2x GE<br>· 2x 2.5GE(PoE+) Combo<br>· 2x 10GE SFP+<br>· 400W PoE Budget | <br><b>S310-24P4S</b><br>· 24x GE(PoE+)<br>· 4x GE SFP<br>· 400W PoE Budget<br>· SNMP, CLI<br>· Stacking | <br><b>S310S-24P4J</b><br>· 24x GE(PoE+)<br>· 4x 2.5GE SFP<br>· 400W PoE Budget                             | <br><b>S310S-24P4XJ</b><br>· 24x GE(PoE+)<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+<br>· 400W PoE Budget                  | <br><b>S310S-26PN4XJ</b><br>· 22x GE(PoE+) + 2x GE<br>· 2x 2.5GE(PoE+) Combo<br>· 2x 10GE SFP+<br>· 400W PoE Budget |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    | <br><b>S220S-24LP4XJ</b><br>· 24x GE(PoE+)<br>· 2x 2.5GE SFP<br>· 2x 10GE SFP+<br>· 195W PoE Budget |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                | <br><b>S310-24P4X</b><br>· 24x GE(PoE+)<br>· 4x 10GE SFP+<br>· 400W PoE Budget<br>· SNMP, CLI<br>· Stacking         | <br><b>S310-24PN4X</b><br>· 24x 2.5GE(PoE+)<br>· 4x 10GE SFP+<br>· 400W PoE Budget<br>· SNMP, CLI<br>· Stacking     |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    | <br><b>S220-24P4X</b><br>· 24x GE(PoE+)<br>· 4x 10GE SFP+<br>· 400W PoE Budget<br>· SNMP, CLI       |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         | 24   |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         | 48   |                                                                                                                                                                       | <br><b>S220-48P4S</b><br>· 48x GE(PoE+)<br>· 4x GE SFP<br>· 380W PoE Budget<br>· SNMP, CLI |                                                                                                                                                                    | <br><b>S220-48P4X</b><br>· 48x GE(PoE+)<br>· 4x 10GE SFP+<br>· 380W PoE Budget<br>· SNMP, CLI       |                                                                                                                                                                                                        | <br><b>S310-48P4S</b><br>· 48x GE(PoE+)<br>· 4x GE SFP<br>· 380W PoE Budget<br>· SNMP, CLI<br>· Stacking | <br><b>S310-48P4X</b><br>· 48x GE(PoE+)<br>· 4x 10GE SFP+<br>· 380W PoE Budget<br>· SNMP, CLI<br>· Stacking |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |
|         |      |                                                                                                                                                                       |                                                                                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                        |                                                                                                                                                                                                        |                                                                                                                                                                                             |                                                                                                                                                                                                |                                                                                                                                                                                                         |                                                                                                                                                                                                          |                                                                                                                                                                                                                    |                         |

eKitEngine L3 Managed Switches Product Specifications

|                   |                           | GE + 10G Uplink                                                                                                                                     |                                                                                     |                                                                                     | 10GE + 100G Uplink                                                                  |
|-------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                           | Non-PoE                                                                                                                                             |                                                                                     |                                                                                     | Non-PoE                                                                             |
| Picture           |                           |                                                                  |  |  |  |
| Model             |                           | S530-24T4XE                                                                                                                                         | S530-24T4XE                                                                         | S530-48S4XE                                                                         | S620-24T16X8Y2CZ                                                                    |
| Hardware          | Uplink Ports              | 4x 10GE SFP+                                                                                                                                        | 4x 10GE SFP+                                                                        | 4x 10GE SFP+                                                                        | 2x 100GE QSFP28                                                                     |
|                   | Downlink Ports            | 24x GE                                                                                                                                              | 16x GE SFP<br>8x Combo                                                              | 48x GE SFP                                                                          | 24x GE<br>16x 10GE SFP+<br>8x 25GE SFP28                                            |
|                   | Console Ports             | √                                                                                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | USB Ports                 | √                                                                                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | PoE Ports                 | -                                                                                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Perpetual PoE             | -                                                                                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Budget                | -                                                                                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Dimensions                | 43.6 x 442 x 420 mm                                                                                                                                 | 43.6 x 442 x 420 mm                                                                 | 43.6 x 442 x 420 mm                                                                 | 43.6 x 442 x 420 mm                                                                 |
|                   | Weight                    | 5.4 kg                                                                                                                                              | 5.6 kg                                                                              | 6 kg                                                                                | 6.3 kg                                                                              |
|                   | Max. Power Consumption    | 33 W                                                                                                                                                | 49 W                                                                                | 96 W                                                                                | 127 W                                                                               |
|                   | Fanless                   | -                                                                                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Installation              | Rack                                                                                                                                                | Rack                                                                                | Rack                                                                                | Rack                                                                                |
| Performance       | Switching Capacity (Gbps) | 176                                                                                                                                                 | 176                                                                                 | 224                                                                                 | 1168                                                                                |
|                   | Forwarding rate (Mbps)    | 132                                                                                                                                                 | 132                                                                                 | 168                                                                                 | 867                                                                                 |
|                   | MAC Address               | 32K                                                                                                                                                 |                                                                                     |                                                                                     | 64K                                                                                 |
| L3 Features       | IP Routing                | Static route, RIPv1/v2, RIPvng, OSPF, OSPFv3, IS-IS, IS-ISv6, BGP, BGP4+, Policy-Based Routing                                                      |                                                                                     |                                                                                     |                                                                                     |
|                   | Multicast                 | PIM DM, PIM SSM, PIM SSM                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |
| L2 Features       | Multicast                 | IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping                                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Ethernet ring protection  | ERPS (G.8032), STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)                                                                        |                                                                                     |                                                                                     |                                                                                     |
|                   | Link Aggregation (LACP)   | √                                                                                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | M-LAG                     | -                                                                                                                                                   | -                                                                                   | -                                                                                   | √                                                                                   |
|                   | Stacking                  | √ (Up to 9 Units per Stack)                                                                                                                         |                                                                                     |                                                                                     |                                                                                     |
|                   | QoS                       | Eight queues on each interface                                                                                                                      |                                                                                     |                                                                                     |                                                                                     |
|                   | Rate Limit                | √                                                                                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Port Isolation            | √                                                                                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Security          | Security Functions        | Defense against DoS, ARP, and ICMP attacks, Secure Boot, DHCP Server/Snooping, Binding of the IP address, MAC address, port ID, and VLAN ID, 802.1X |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode           | Cloud management via SNC, eKit APP, EasyWeb                                                                                                         |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode           | SNMP, Web, SSH                                                                                                                                      |                                                                                     |                                                                                     |                                                                                     |



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|                   |                           | GE + 1/10G Uplink                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | 2.5GE + 10G Uplink                                                                  |
|-------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                           | Non-PoE                                                                                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   | PoE                                                                               |                                                                                    |                                                                                     |                                                                                     | PoE                                                                                 |
| Picture           |                           |                                                                    |  |  |  |  |  |  |  |  |  |
| Model             |                           | S310-24T4S                                                                                                                                          | S310-24T4X                                                                        | S310-48T4S                                                                        | S310-48T4X                                                                        | S310-24ST4X                                                                       | S310-24P4S                                                                        | S310-24P4X                                                                         | S310-48P4S                                                                          | S310-48P4X                                                                          | S310-24PN4X                                                                         |
| Hardware          | Uplink Ports              | 4x GE SFP                                                                                                                                           | 4x 10GE SFP+                                                                      | 4x GE SFP                                                                         | 4x 10GE SFP+                                                                      | 4x 10GE SFP+                                                                      | 4x GE SFP                                                                         | 4x 10GE SFP+                                                                       | 4x GE SFP                                                                           | 4x 10GE SFP+                                                                        | 4x 10GE SFP+                                                                        |
|                   | Downlink Ports            | 24x GE                                                                                                                                              | 24x GE                                                                            | 48x GE                                                                            | 48x GE                                                                            | 16x GE SFP<br>8x GE Combo                                                         | 24x GE                                                                            | 24x GE                                                                             | 48x GE                                                                              | 48x GE                                                                              | 24x 2.5GE                                                                           |
|                   | Console Ports             | √                                                                                                                                                   | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                  | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | USB Ports                 | -                                                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Ports                 | -                                                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | 24x GE(PoE+)                                                                      | 24x GE(PoE+)                                                                       | 48x GE(PoE+)                                                                        | 48x GE(PoE+)                                                                        | 24x 2.5GE(PoE+)                                                                     |
|                   | Perpetual PoE             | -                                                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | √                                                                                 | √                                                                                  | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | PoE Budget                | -                                                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | 400 W                                                                             | 400 W                                                                              | 380 W                                                                               | 380 W                                                                               | 400 W                                                                               |
|                   | Dimensions                | 43.6 x 442 x 220 mm                                                                                                                                 | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                                | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 |
|                   | Weight                    | 2.3 kg                                                                                                                                              | 2.3 kg                                                                            | 2.7 kg                                                                            | 2.7 kg                                                                            | 2.9 kg                                                                            | 2.9 kg                                                                            | 2.9 kg                                                                             | 3.2 kg                                                                              | 3.2 kg                                                                              | 4.7 kg                                                                              |
|                   | Max. Power Consumption    | 34 W                                                                                                                                                | 35 W                                                                              | 52 W                                                                              | 52 W                                                                              | 42 W                                                                              | 47 W<br>With PoE: 492 W                                                           | 44 W<br>With PoE: 486 W                                                            | 64 W<br>With PoE: 463 W                                                             | 65 W<br>With PoE: 463 W                                                             | 78 W<br>With PoE: 517 W                                                             |
|                   | Fanless                   | -                                                                                                                                                   | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Installation              | Rack                                                                                                                                                | Rack                                                                              | Rack                                                                              | Rack                                                                              | Rack                                                                              | Rack                                                                              | Rack                                                                               | Rack                                                                                | Rack                                                                                | Desktop                                                                             |
| Performance       | Switching Capacity (Gbps) | 56                                                                                                                                                  | 128                                                                               | 104                                                                               | 176                                                                               | 128                                                                               | 56                                                                                | 128                                                                                | 104                                                                                 | 176                                                                                 | 200                                                                                 |
|                   | Forwarding rate (Mbps)    | 42                                                                                                                                                  | 96                                                                                | 77                                                                                | 131                                                                               | 96                                                                                | 42                                                                                | 96                                                                                 | 77                                                                                  | 131                                                                                 | 144                                                                                 |
|                   | MAC Address               | 16K                                                                                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| L2+ Features      | Static Routing            | √                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Policy-based Routing      | √                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| L2 Features       | Multicast                 | IGMPv1/v2/v3, IGMPv1/v2/v3 snooping and MLD snooping                                                                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Ethernet ring protection  | ERPS (G.8032), STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)                                                                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Link Aggregation (LACP)   | √                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | M-LAG                     | -                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Stacking                  | √ (Up to 4 Units per Stack)                                                                                                                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | QoS                       | Eight queues on each interface                                                                                                                      |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Rate Limit                | √                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Port Isolation            | √                                                                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| Security          | Security Functions        | Defense against DoS, ARP, and ICMP attacks, Secure Boot, DHCP Server/Snooping, Binding of the IP address, MAC address, port ID, and VLAN ID, 802.1X |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode           | Cloud management via SNC, eKit APP, EasyWeb                                                                                                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode           | SNMP, Web, SSH                                                                                                                                      |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |

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|                   |                           | GE + 1/2.5/10G Uplink                                                                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 2.5GE + 10G Uplink                                                                  |                                                                                     |
|-------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                           | Non-PoE                                                                                                                                      |                                                                                     |                                                                                     | PoE                                                                                 |                                                                                     |                                                                                     | PoE                                                                                 |                                                                                     |
| Picture           |                           |                                                           |  |  |  |  |  |  |  |
| Model             |                           | S310S-8T2X                                                                                                                                   | S310S-24T4J                                                                         | S310S-24T4JX                                                                        | S310S-8P4IX                                                                         | S310S-24P4J                                                                         | S310S-24P4JX                                                                        | S310S-10PN4IX                                                                       | S310S-26PN4IX                                                                       |
| Hardware          | Uplink Ports              | 2x 10GE SFP+                                                                                                                                 | 4x 2.5GE SFP                                                                        | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        | 4x 2.5GE SFP                                                                        | 2x GE SFP                                                                           | 1x GE SFP<br>1x GE                                                                  | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        |
|                   | Downlink Ports            | 8x GE                                                                                                                                        | 24x GE                                                                              | 24x GE                                                                              | 8x GE                                                                               | 24x GE                                                                              | 24x GE                                                                              | 8x GE                                                                               | 24x GE<br>2x 2.5GE                                                                  |
|                   | Console Ports             | -                                                                                                                                            | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | USB Ports                 | -                                                                                                                                            | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Ports                 | -                                                                                                                                            | -                                                                                   | -                                                                                   | 8x GE(PoE+)                                                                         | 24x GE(PoE+)                                                                        | 24x GE(PoE+)                                                                        | 6x GE(PoE+)<br>2x 2.5GE(PoE+)                                                       | 22x GE(PoE+)<br>2x 2.5GE(PoE+)                                                      |
|                   | Perpetual PoE             | -                                                                                                                                            | -                                                                                   | -                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | PoE Budget                | -                                                                                                                                            | -                                                                                   | -                                                                                   | 128 W                                                                               | 400 W                                                                               | 400 W                                                                               | 128 W                                                                               | 400 W                                                                               |
|                   | Dimensions                | 43.6 x 250 x 180 mm                                                                                                                          | 43.6 x 442 x 160 mm                                                                 | 43.6 x 442 x 160 mm                                                                 | 43.6 x 320 x 210 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 320 x 210 mm                                                                 | 43.6 x 442 x 220 mm                                                                 |
|                   | Weight                    | 1.3 kg                                                                                                                                       | 2 kg                                                                                | 2 kg                                                                                | 2.5 kg                                                                              | 2.8 kg                                                                              | 2.8 kg                                                                              | 2.6 kg                                                                              | 2.8 kg                                                                              |
|                   | Max. Power Consumption    | 11 W                                                                                                                                         | 22 W                                                                                | 22 W                                                                                | 23 W<br>With PoE: 162 W                                                             | 39 W<br>With PoE: 483 W                                                             | 39 W<br>With PoE: 483 W                                                             | 24 W<br>With PoE: 162 W                                                             | 39 W<br>With PoE: 484 W                                                             |
|                   | Fanless                   | √                                                                                                                                            | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | √                                                                                   | -                                                                                   |
|                   | Installation              | Desktop                                                                                                                                      | Rack                                                                                | Rack                                                                                | Desktop                                                                             | Rack                                                                                | Rack                                                                                | Desktop                                                                             | Rack                                                                                |
| Performance       | Switching Capacity (Gbps) | 56                                                                                                                                           | 68                                                                                  | 98                                                                                  | 66                                                                                  | 68                                                                                  | 98                                                                                  | 76                                                                                  | 98                                                                                  |
|                   | Forwarding rate (Mbps)    | 42                                                                                                                                           | 51                                                                                  | 73                                                                                  | 49                                                                                  | 51                                                                                  | 73                                                                                  | 57                                                                                  | 73                                                                                  |
|                   | MAC Address               | 16K                                                                                                                                          |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| L2+ Features      | Static Routing            | √                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Policy-based Routing      | √                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| L2 Features       | Multicast                 | IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping                                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Ethernet ring protection  | ERPS (G.8032), STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Link Aggregation (LACP)   | √                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | M-LAG                     | -                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Stacking                  | -                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | QoS                       | Eight queues on each interface                                                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Rate Limit                | √                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Port Isolation            | √                                                                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Security          | Security Functions        | Defense against DoS, ARP, and ICMP attacks, Secure Boot, DHCP Snooping, Binding of the IP address, MAC address, port ID, and VLAN ID, 802.1X |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode           | Cloud management via SNC, eKit APP, EasyWeb                                                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode           | Web, SSH                                                                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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|                   |                           | GE + 1/10G Uplink                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|-------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                           | Non-PoE                                                                                                                                      |                                                                                   |                                                                                   |                                                                                   | PoE                                                                               |                                                                                     |                                                                                     |                                                                                     |
| Picture           |                           |                                                             |  |  |  |  |  |  |  |
| Model             |                           | S220-8T4S                                                                                                                                    | S220-24T4X                                                                        | S220-48T4S                                                                        | S220-48T4X                                                                        | S220-8P4S                                                                         | S220-24P4X                                                                          | S220-48P4S                                                                          | S220-48P4X                                                                          |
| Hardware          | Uplink Ports              | 4x GE SFP                                                                                                                                    | 4x 10GE SFP+                                                                      | 4x GE SFP                                                                         | 4x 10GE SFP+                                                                      | 4x GE SFP                                                                         | 4x 10GE SFP+                                                                        | 4x GE SFP                                                                           | 4x 10GE SFP+                                                                        |
|                   | Downlink Ports            | 8x GE                                                                                                                                        | 24x GE                                                                            | 48x GE                                                                            | 48x GE                                                                            | 8x GE                                                                             | 24x GE                                                                              | 48x GE                                                                              | 48x GE                                                                              |
|                   | Console Ports             | √                                                                                                                                            | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | USB Ports                 | -                                                                                                                                            | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Ports                 | -                                                                                                                                            | -                                                                                 | -                                                                                 | -                                                                                 | 8x GE(PoE+)                                                                       | 24x GE(PoE+)                                                                        | 48x GE(PoE+)                                                                        | 48x GE(PoE+)                                                                        |
|                   | Perpetual PoE             | -                                                                                                                                            | -                                                                                 | -                                                                                 | -                                                                                 | √                                                                                 | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | PoE Budget                | -                                                                                                                                            | -                                                                                 | -                                                                                 | -                                                                                 | 125 W                                                                             | 400 W                                                                               | 380 W                                                                               | 380 W                                                                               |
|                   | Dimensions                | 43.6 x 250 x 180 mm                                                                                                                          | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 442 x 220 mm                                                               | 43.6 x 320 x 210 mm                                                               | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 |
|                   | Weight                    | 1.4 kg                                                                                                                                       | 2.3 kg                                                                            | 2.7 kg                                                                            | 2.7 kg                                                                            | 2.2 kg                                                                            | 2.9 kg                                                                              | 3.2 kg                                                                              | 3.2 kg                                                                              |
|                   | Max. Power Consumption    | 22 W                                                                                                                                         | 35 W                                                                              | 43 W                                                                              | 44 W                                                                              | 25 W<br>With PoE: 167 W                                                           | 44 W<br>With PoE: 486 W                                                             | 64 W<br>With PoE: 463 W                                                             | 65 W<br>With PoE: 463 W                                                             |
|                   | Fanless                   | -                                                                                                                                            | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | Installation              | Desktop                                                                                                                                      | Rack                                                                              | Rack                                                                              | Rack                                                                              | Desktop                                                                           | Rack                                                                                | Rack                                                                                | Rack                                                                                |
| Performance       | Switching Capacity (Gbps) | 24                                                                                                                                           | 128                                                                               | 104                                                                               | 176                                                                               | 24                                                                                | 128                                                                                 | 104                                                                                 | 176                                                                                 |
|                   | Forwarding rate (Mbps)    | 18                                                                                                                                           | 95                                                                                | 77                                                                                | 131                                                                               | 18                                                                                | 95                                                                                  | 77                                                                                  | 131                                                                                 |
|                   | MAC Address               | 16K                                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| L2 Features       | Multicast                 | IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping                                                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Ethernet ring protection  | ERPS (G.8032), STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Link Aggregation (LACP)   | √                                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | M-LAG                     | -                                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Stacking                  | -                                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | QoS                       | Eight queues on each interface                                                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Rate Limit                | √                                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Port Isolation            | √                                                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Security          | Security Functions        | Defense against DoS, ARP, and ICMP attacks, Secure Boot, DHCP Snooping, Binding of the IP address, MAC address, port ID, and VLAN ID, 802.1X |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode           | Cloud management via SNC, eKit APP, EasyWeb                                                                                                  |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode           | SNMP, Web, SSH                                                                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

eKitEngine L2 Standard Managed Switches Product Specifications

|                   |                           | GE + 1/2.5/10G Uplink                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 2.5GE + 10G Uplink                                                                  |                                                                                     |
|-------------------|---------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                   |                           | Non-PoE                                                                             |                                                                                     |                                                                                     |                                                                                     | PoE                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     | PoE                                                                                 |                                                                                     |
| Picture           |                           |  |  |  |  |  |  |  |  |  |  |  |
| Model             |                           | S220S-8T2J                                                                          | S220S-8T2X                                                                          | S220S-24T4J                                                                         | S220S-24T4IX                                                                        | S220S-8P4J                                                                          | S220S-8P4IX                                                                         | S220S-24P4J                                                                         | S220S-24LP4IX                                                                       | S220S-24P4IX                                                                        | S220S-10PN4IX                                                                       | S220S-26PN4IX                                                                       |
| Hardware          | Uplink Ports              | 2x 2.5GE SFP                                                                        | 2x 10GE SFP+                                                                        | 4x 2.5GE SFP                                                                        | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        | 4x 2.5GE SFP                                                                        | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        | 4x 2.5GE SFP                                                                        | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        | 2x GE SFP                                                                           | 1x GE SFP<br>1x GE                                                                  | 2x 2.5GE SFP<br>2x 10GE SFP+                                                        |
|                   | Downlink Ports            | 8x GE                                                                               | 8x GE                                                                               | 24x GE                                                                              | 24x GE                                                                              | 8x GE                                                                               | 8x GE                                                                               | 24x GE                                                                              | 24x GE                                                                              | 24x GE                                                                              | 8x GE                                                                               | 24x GE<br>2x 2.5GE                                                                  |
|                   | Console Ports             | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | USB Ports                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |
|                   | PoE Ports                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | 8x GE(PoE+)                                                                         | 8x GE(PoE+)                                                                         | 24x GE(PoE+)                                                                        | 24x GE(PoE+)                                                                        | 24x GE(PoE+)                                                                        | 6x GE(PoE+)<br>2x 2.5GE(PoE+)                                                       | 22x GE(PoE+)<br>2x 2.5GE(PoE+)                                                      |
|                   | Perpetual PoE             | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   |
|                   | PoE Budget                | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | 128 W                                                                               | 128 W                                                                               | 400 W                                                                               | 195 W                                                                               | 400 W                                                                               | 128 W                                                                               | 400 W                                                                               |
|                   | Dimensions                | 43.6 x 250 x 180 mm                                                                 | 43.6 x 250 x 180 mm                                                                 | 43.6 x 442 x 160 mm                                                                 | 43.6 x 442 x 160 mm                                                                 | 43.6 x 320 x 210 mm                                                                 | 43.6 x 320 x 210 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 442 x 220 mm                                                                 | 43.6 x 320 x 210 mm                                                                 | 43.6 x 442 x 220 mm                                                                 |
|                   | Weight                    | 1.3 kg                                                                              | 1.3 kg                                                                              | 2 kg                                                                                | 2 kg                                                                                | 2.5 kg                                                                              | 2.5 kg                                                                              | 2.8 kg                                                                              | 2.8 kg                                                                              | 2.8 kg                                                                              | 2.6 kg                                                                              | 2.8 kg                                                                              |
|                   | Max. Power Consumption    | 11 W                                                                                | 11 W                                                                                | 22 W                                                                                | 22 W                                                                                | 23 W<br>With PoE: 162 W                                                             | 23 W<br>With PoE: 162 W                                                             | 39 W<br>With PoE: 483 W                                                             | 39 W<br>With PoE: 278 W                                                             | 39 W<br>With PoE: 483 W                                                             | 24 W<br>With PoE: 162 W                                                             | 39 W<br>With PoE: 484 W                                                             |
|                   | Fanless                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | √                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   | √                                                                                   | -                                                                                   |
| Installation      | Desktop                   | Desktop                                                                             | Rack                                                                                | Rack                                                                                | Desktop                                                                             | Desktop                                                                             | Rack                                                                                | Rack                                                                                | Rack                                                                                | Desktop                                                                             | Rack                                                                                |                                                                                     |
| Performance       | Switching Capacity (Gbps) | 26                                                                                  | 56                                                                                  | 68                                                                                  | 98                                                                                  | 36                                                                                  | 66                                                                                  | 68                                                                                  | 98                                                                                  | 98                                                                                  | 76                                                                                  | 98                                                                                  |
|                   | Forwarding rate (Mbps)    | 19                                                                                  | 42                                                                                  | 51                                                                                  | 73                                                                                  | 27                                                                                  | 49                                                                                  | 51                                                                                  | 73                                                                                  | 73                                                                                  | 57                                                                                  | 73                                                                                  |
|                   | MAC Address               | 16K                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| L2 Features       | Multicast                 | IGMPv1/v2/v3 and IGMPv1/v2/v3 snooping                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Ethernet ring protection  | ERPS (G.8032), STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s)        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Link Aggregation (LACP)   | √                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | M-LAG                     | -                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Stacking                  | -                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | QoS                       | Eight queues on each interface                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Rate Limit                | √                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Port Isolation            | √                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Security          | Security Functions        | Defense against DoS, ARP, and ICMP attacks, Secure Boot, DHCP Snooping              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| System Management | Controller Mode           | Cloud management via SNC, eKit APP, EasyWeb                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   | Standalone Mode           | Web, SSH                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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eKitEngine Unmanaged Switches Product Specifications

|              |                           | GE                                                                                |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|--------------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              |                           | Non-PoE                                                                           |                                                                                   |                                                                                   | PoE                                                                                |                                                                                     |                                                                                     |
| Picture      |                           |  |  |  |  |  |  |
| Model        |                           | S110-8T2ST                                                                        | S110-16T2S                                                                        | S110-24T2SR                                                                       | S110-8P2ST                                                                         | S110-16LP2SR                                                                        | S110-24LP2SR                                                                        |
| Hardware     | Uplink Ports              | 1x GE SFP<br>1x GE                                                                | 2x GE SFP                                                                         | 2x GE SFP                                                                         | 1x GE SFP<br>1x GE                                                                 | 2x GE SFP                                                                           | 2x GE SFP                                                                           |
|              | Downlink Ports            | 8x GE                                                                             | 16x GE                                                                            | 24x GE                                                                            | 8x GE                                                                              | 16x GE                                                                              | 24x GE                                                                              |
|              | PoE Ports                 | -                                                                                 | -                                                                                 | -                                                                                 | 8x GE(PoE+)                                                                        | 16x GE(PoE+)                                                                        | 24x GE(PoE+)                                                                        |
|              | PoE Budget                | -                                                                                 | -                                                                                 | -                                                                                 | 124W                                                                               | 124W                                                                                | 124W                                                                                |
|              | Dimensions                | 35 x 210 x 130 mm                                                                 | 43.6 x 320 x 210 mm                                                               | 43.6 x 442 x 260 mm                                                               | 35 x 210 x 130 mm                                                                  | 43.6 x 442 x 260 mm                                                                 | 43.6 x 442 x 260 mm                                                                 |
|              | Weight                    | 0.4 kg                                                                            | 1.8 kg                                                                            | 2 kg                                                                              | 0.9 kg                                                                             | 3.2 kg                                                                              | 3.4 kg                                                                              |
|              | Max. Power Consumption    | 8 W                                                                               | 10 W                                                                              | 17 W                                                                              | 11 W<br>With PoE: 155 W                                                            | 22 W<br>With PoE: 160 W                                                             | 24 W<br>With PoE: 165 W                                                             |
|              | Fanless                   | √                                                                                 | √                                                                                 | √                                                                                 | √                                                                                  | √                                                                                   | √                                                                                   |
|              | Installation              | Desktop                                                                           | Rack                                                                              | Rack                                                                              | Desktop                                                                            | Rack                                                                                | Rack                                                                                |
| Performance  | Switching Capacity (Gbps) | 20                                                                                | 36                                                                                | 52                                                                                | 20                                                                                 | 36                                                                                  | 52                                                                                  |
|              | Forwarding rate (Mbps)    | 14.88                                                                             | 26.78                                                                             | 38.69                                                                             | 14.88                                                                              | 26.78                                                                               | 38.69                                                                               |
|              | MAC Address               | 4K                                                                                | 8K                                                                                | 8K                                                                                | 4K                                                                                 | 8K                                                                                  | 8K                                                                                  |
| Features     | Perpetual PoE             | -                                                                                 | -                                                                                 | -                                                                                 | √                                                                                  | √                                                                                   | √                                                                                   |
| Working Mode |                           | Standard mode, Port isolation and Flow control disabling                          |                                                                                   | Standard mode, Port isolation, Port bonding, and Flow control disabling           |                                                                                    |                                                                                     |                                                                                     |

eKitEngine Access Points

|               | Wi-Fi 7                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           | Wi-Fi 6                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               | 13660 Mbps                                                                                                                                                                                                                                      | 3600 Mbps                                                                                                                                                                                                                                 | 6600 Mbps                                                                                                                                                                                                                                          | 3000 Mbps                                                                                                                                                                                                                                                        | 1800 Mbps                                                                                                                                                                                                                                                       |
| Ceiling Mount | <br><b>AP673</b> <ul style="list-style-type: none"><li>· 2+2+4 Tri-Band</li><li>· 13.66 Gbps</li><li>· 1x 5GE(PoE In) + 1x GE</li><li>· 21.1W Max.</li></ul> | <br><b>AP371</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 3.57 Gbps</li><li>· 1 x 2.5GE(PoE In)</li><li>· 13.6 W Max.</li></ul> | <br><b>AP661</b> <ul style="list-style-type: none"><li>· 2+2+4 Tri-band</li><li>· 6.575 Gbps</li><li>· 1x 2.5GE(PoE In) + 1x GE</li><li>· 21.2 W Max.</li></ul> | <br><b>AP362</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In)</li><li>· 11.2 W Max.</li></ul>                           | <br><b>AP361</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 1.775 Gbps</li><li>· 1x GE(PoE In)</li><li>· 8.8 W Max.</li></ul>                           |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | <br><b>AP362E</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In)</li><li>· 9.4 W Max.</li></ul>                           |                                                                                                                                                                                                                                                                 |
| Wall Mount    |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | <br><b>AP162E</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In) + 1x GE</li><li>· 9.1 W Max.</li></ul>                   | <br><b>AP160</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 1.775 Gbps</li><li>· 1x GE(PoE In) + 1x GE</li><li>· 9.1 W Max.</li></ul>                   |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | <br><b>AP263</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In) + 1x GE</li><li>· 12 W Max.</li></ul>                   |                                                                                                                                                                                                                                                                 |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | <br><b>AP265E</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In) + 4x GE</li><li>· 9.4 W Max.</li></ul>                 |                                                                                                                                                                                                                                                                 |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    | <br><b>AP266</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 2.975 Gbps</li><li>· 1x GE(PoE In) + 3x GE + 1x GE(PoE Out)</li><li>· 9.4 W Max.</li></ul> |                                                                                                                                                                                                                                                                 |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
|               |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
| Outdoor       |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                  | <br><b>AP761</b> <ul style="list-style-type: none"><li>· 2+2 Dual-band</li><li>· 1.775Gbps</li><li>· 1x GE(PoE In) + 1x SFP</li><li>· IP68</li><li>· 17.7 W Max.</li></ul> |



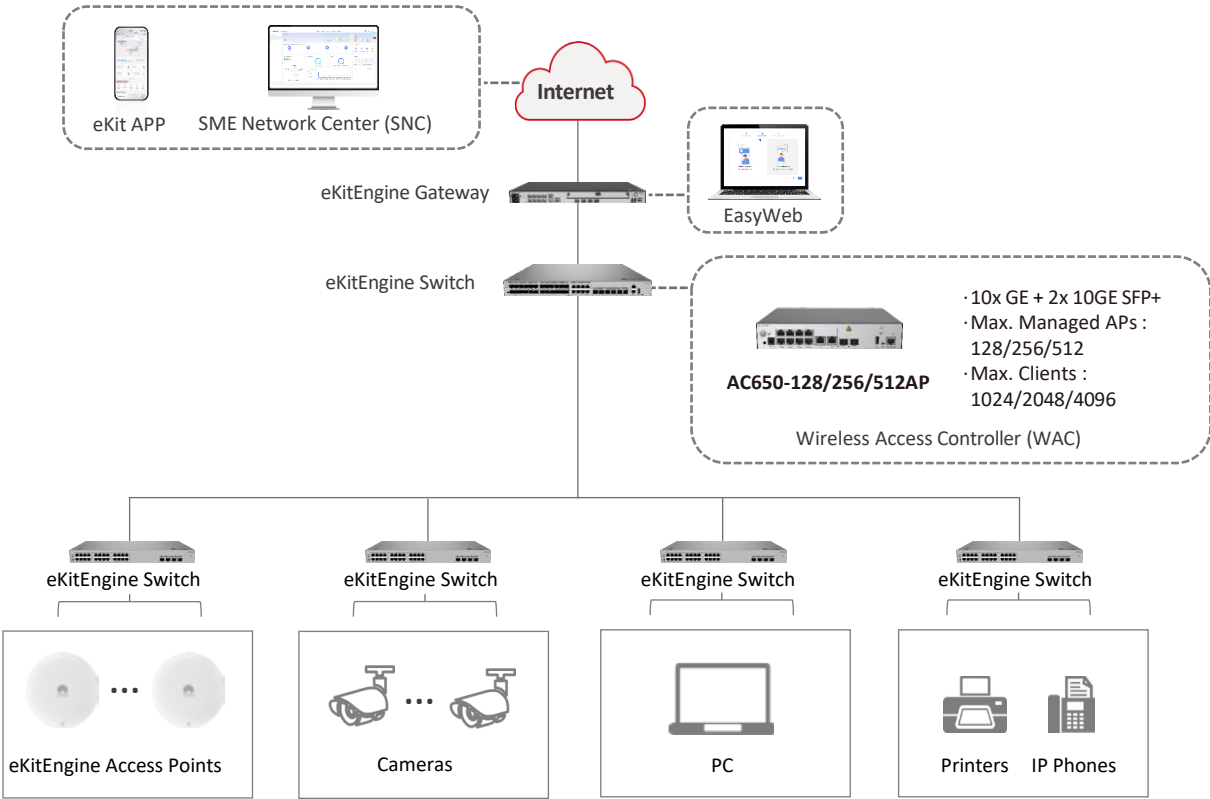
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eKitEngine Access Points Product Specifications

|                   |                               | Ceiling Mount                                                                                                                                                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Wall Mount                                                                        |                                                                                    |                                                                                     |                                                                                     | Outdoor                                                                             |                                                                                     |                    |
|-------------------|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|
|                   |                               | Wi-Fi 7                                                                                                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | Wi-Fi 6                                                                           |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                    |
| Picture           |                               |                                                                                     |  |  |  |  |  |  |  |  |  |  |  |                    |
| Model             |                               | AP673                                                                                                                                                                | AP371                                                                             | AP661                                                                             | AP362                                                                             | AP362E                                                                            | AP361                                                                             | AP266                                                                             | AP265E                                                                             | AP263                                                                               | AP162E                                                                              | AP160                                                                               | AP761                                                                               |                    |
| Hardware          | MIMO (2.4 GHz)                | 2 x 2                                                                                                                                                                | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                              | 2 x 2                                                                               | 2 x 2                                                                               | 2 x 2                                                                               | 2 x 2                                                                               |                    |
|                   | MIMO (5 GHz)                  | 2 x 2                                                                                                                                                                | 2 x 2                                                                             | 2 x 2<br>(Radio 1)<br>4 x 4<br>(Radio 2)                                          | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                             | 2 x 2                                                                              | 2 x 2                                                                               | 2 x 2                                                                               | 2 x 2                                                                               | 2 x 2                                                                               |                    |
|                   | MIMO (6 GHz)                  | 4 x 4                                                                                                                                                                | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |                    |
|                   | Data Rate (2.4 Ghz)           | 689 Mbps                                                                                                                                                             | 689 Mbps                                                                          | 575 Mbps                                                                          | 575 Mbps                                                                          | 575 Mbps                                                                          | 575 Mbps                                                                          | 575 Mbps                                                                          | 575 Mbps                                                                           | 575 Mbps                                                                            | 575 Mbps                                                                            | 575 Mbps                                                                            | 575 Mbps                                                                            |                    |
|                   | Data Rate (5 Ghz)             | 1440 Mbps                                                                                                                                                            | 2880 Mbps                                                                         | 6000 Mbps                                                                         | 2400 Mbps                                                                         | 2400 Mbps                                                                         | 1200 Mbps                                                                         | 2400 Mbps                                                                         | 2400 Mbps                                                                          | 2400 Mbps                                                                           | 2400 Mbps                                                                           | 1200 Mbps                                                                           | 1200 Mbps                                                                           |                    |
|                   | Data Rate (6 Ghz)             | 11530 Mbps                                                                                                                                                           | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |                    |
|                   | Max. Transmit Power (2.4 GHz) | 23 dBm                                                                                                                                                               | 23 dBm                                                                            | 25 dBm                                                                            | 20 dBm                                                                            | 23 dBm                                                                            | 20 dBm                                                                            | 23 dBm                                                                            | 23 dBm                                                                             | 23 dBm                                                                              | 23 dBm                                                                              | 20 dBm                                                                              | 20 dBm                                                                              | 28 dBm             |
|                   | Max. Transmit Power (5 GHz)   | 23 dBm                                                                                                                                                               | 23 dBm                                                                            | 23 dBm<br>(Radio 1)<br>26 dBm<br>(Radio 2)                                        | 20 dBm                                                                            | 23 dBm                                                                            | 20 dBm                                                                            | 23 dBm                                                                            | 23 dBm                                                                             | 23 dBm                                                                              | 23 dBm                                                                              | 20 dBm                                                                              | 20 dBm                                                                              | 27 dBm             |
|                   | Max. Transmit Power (6 GHz)   | 26 dBm                                                                                                                                                               | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                   |                    |
|                   | Uplink Port                   | 1× 5GE<br>1x GE                                                                                                                                                      | 1× 2.5GE                                                                          | 1× 2.5GE<br>1x GE                                                                 | 1× GE                                                                             | 1× GE                                                                             | 1× GE                                                                             | 1× GE                                                                             | 1× GE                                                                              | 1× GE                                                                               | 1× GE                                                                               | 1× GE                                                                               | 1× GE                                                                               | 1× GE<br>1x GE SFP |
|                   | Downlink Port                 | -                                                                                                                                                                    | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | 4× GE<br>(1× PoE OUT)                                                             | 4× GE                                                                              | 1× GE                                                                               | 1× GE                                                                               | 1× GE                                                                               | 1× GE                                                                               | -                  |
|                   | Dimensions                    | 220 x 45 mm                                                                                                                                                          | 180 x 35 mm                                                                       | 220 x 50 mm                                                                       | 180 x 35 mm                                                                       | 180 x 35 mm                                                                       | 180 x 35 mm                                                                       | 86 x 160 x 38 mm                                                                  | 86 x 160 x 38 mm                                                                   | 86 x 160 x 38 mm                                                                    | 86 x 86 x 42.5 mm                                                                   | 86 x 86 x 42.5 mm                                                                   | 69 x 200 x 200 mm                                                                   |                    |
|                   | Weight                        | 0.75 kg                                                                                                                                                              | 0.47 kg                                                                           | 1.08 kg                                                                           | 0.51 kg                                                                           | 0.45 kg                                                                           | 0.45 kg                                                                           | 0.23 kg                                                                           | 0.23 kg                                                                            | 0.32 kg                                                                             | 0.14 kg                                                                             | 0.14 kg                                                                             | 1.91 kg                                                                             |                    |
|                   | Power Supply                  | 802.3at PoE<br>or 12V/2A DC                                                                                                                                          | 802.3at/af PoE<br>or 12V/2A DC                                                    | 802.3at PoE<br>or 12V/2A DC                                                       | 802.3af PoE<br>or 12V/2A DC                                                       | 802.3af PoE                                                                       | 802.3af PoE                                                                       | 802.3at PoE                                                                       | 802.3af PoE                                                                        | 802.3af PoE<br>or 12V/2A DC                                                         | 802.3af PoE                                                                         | 802.3af PoE                                                                         | 802.3af PoE                                                                         | 802.3at/af PoE     |
|                   | Max. Power Consumption        | 21.1 W                                                                                                                                                               | 13.6 W                                                                            | 21.2 W                                                                            | 11.2 W                                                                            | 9.4 W                                                                             | 8.8 W                                                                             | 9.4 W<br>(excluding PoE OUT)                                                      | 9.4 W                                                                              | 12 W                                                                                | 9.1 W                                                                               | 9.1 W                                                                               | 9.1 W                                                                               | 17.7 W             |
|                   | Operating Temperature         | −10 to 50°C                                                                                                                                                          | −10 to 50°C                                                                       | −10 to 50°C                                                                       | −10 to 50°C                                                                       | 0 to 40°C                                                                         | 0 to 40°C                                                                         | 0 to 40°C                                                                         | 0 to 40°C                                                                          | 0 to 40°C                                                                           | 0 to 40°C                                                                           | 0 to 40°C                                                                           | 0 to 40°C                                                                           | −40 to 65°C        |
| IP Rating         | IP41                          | IP41                                                                                                                                                                 | IP41                                                                              | IP41                                                                              | IP41                                                                              | IP41                                                                              | IP20                                                                              | IP20                                                                              | IP20                                                                               | IP20                                                                                | IP20                                                                                | IP20                                                                                | IP68                                                                                |                    |
| Max. Users        | 1024                          | 256                                                                                                                                                                  | 1536                                                                              | 256                                                                               | 128                                                                               | 128                                                                               | 128                                                                               | 128                                                                               | 128                                                                                | 256                                                                                 | 128                                                                                 | 128                                                                                 | 1024                                                                                |                    |
| Security          | Security Functions            | WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise, 802.1X authentication, MAC address authentication, Portal authentication, DHCP snooping |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                    |
| System Management | Controller Mode               | Cloud management via SNC, eKit APP, EasyWeb, WAC                                                                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                    |
|                   | Standalone Mode               | Web, SSH                                                                                                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                    |

eKitEngine Controllers

Huawei eKit SME Network provides diversified management methods for small and medium-sized enterprises including both On-Premises and Cloud-based options, integrating complete network devices such as access points, switches, routers and gateways, supporting flexible management and intelligent O&M for subcontractors.



eKitEngine Controllers Product Specifications

| Type                                  | On-Premises Controller                                               |                                                                                                                                                     | Cloud Controller                |                                 |
|---------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
|                                       | WAC                                                                  | EasyWeb                                                                                                                                             | SNC                             | APP                             |
| Usage Method                          | Local Wireless Network Management                                    | Local Entire Network Management                                                                                                                     | Cloud Entire Network Management | Cloud Entire Network Management |
| Max. Management Scale                 | AC650-128AP: 128 APs<br>AC650-256AP: 256 APs<br>AC650-512AP: 512 APs | S380-L4T1T: 32 APs<br>S380-L4TP1T: 32 APs<br>S380-S8T2T: 64 APs<br>S380-S8P2T: 64 APs<br>S380-H8T3ST: 128 APs<br>S380: Unlimited Routers & Switches | 512                             | 512                             |
| Network Type                          | Small/Medium                                                         | Small                                                                                                                                               | Small/Medium                    | Small                           |
| Pricing Model                         | Hardware Costs                                                       | Free                                                                                                                                                | Free                            | Free                            |
| Cloud Access                          | -                                                                    | -                                                                                                                                                   | √                               | √                               |
| Wireless Management                   | √                                                                    | √                                                                                                                                                   | √                               | √                               |
| Captive Portal                        | √                                                                    | -                                                                                                                                                   | √                               | -                               |
| Zero-Touch Provisioning               | -                                                                    | -                                                                                                                                                   | √                               | -                               |
| One-Click Deployment (QR code, Wi-Fi) | -                                                                    | -                                                                                                                                                   | -                               | √                               |
| AI-Powered Troubleshooting            | -                                                                    | -                                                                                                                                                   | √                               | √                               |

# DIGITALIZATION FOR SUCCESS