

Huawei OptiXstar K572 Datasheet

Note: This document is for project promotion only. Specifications may change in the formal release. The actual values prevail.

Product Overview

Huawei OptiXstar K572 is a dual-band edge ONT that supports ultra-gigabit access over both Wi-Fi 7 and Ethernet ultra-gigabit network ports.

- Next-generation Wi-Fi 7 MU-MIMO technology
- Strong anti-interference capability, wide coverage, and network self-healing
- One-click pairing and automatic networking
- Mesh network (tree type)
- Remote management



NOTE

The figures in this document may differ from the actual products. The actual products prevail.

Physical Specifications

Dimensions (H x W x D)	140 mm x 180 mm x 35 mm (excluding the base) (TBD)	System power supply	12V DC, 1 A
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Rated Power Input for Power Adapter	100 - 240 V AC, 50/60 Hz	Max power consumption	< 12 W
Indicator	1 status indicators	Buttons	<ul style="list-style-type: none"> Reset button WLAN/WPS button
Memory	128 MB Flash, 256 MB RAM	Installation mode	Vertically placed on a desk
Operating temperature	0°C to 40°C	Operating humidity	5% RH to 95% RH (non-condensing)
Interface	NNI: 2.5GE UNI: 1x2.5GE+2xGE+2.4GHz&5GHz Wi-Fi 7	-	-

Wi-Fi Specifications

Supported Protocol	IEEE 802.11 be (2.4GHz&5GHz)	Others	<ul style="list-style-type: none"> WMM (Wi-Fi MultiMedia) Beamforming Band steering 1024-QAM 160 MHz channel width WPA3 MU MIMO MLO (Multi-Link Operation) Multi-RU
Antenna gain	2.4GHz Wi-Fi 7: 4dBi 5GHz Wi-Fi 7: 5dBi		
MIMO	2x2 MIMO (2.4GHz&5GHz)		
Air interface rate	688 Mbps (2.4GHz) 2882 Mbps (5GHz)		

Interface Parameters

Ethernet port
<ul style="list-style-type: none"> Limit on the number of learned MAC addresses MAC address learning GE port supports auto-adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s 2.5GE port supports auto-adaptive 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s or 2500 Mbit/s

Feature Highlights


Home Network Working with gateway supports the following features: <ul style="list-style-type: none"> Plug and play One-click pairing and automatic networking Automatic Wi-Fi configuration synchronization Wi-Fi channel optimization within the home network 	Home Network Management Working with the iMaster NCE platform supports remote management and maintenance	Smart interconnection <ul style="list-style-type: none"> Working modes: <ul style="list-style-type: none"> Routing mode Bridging mode Auto-detection of Internet access mode (PPPoE/DHCP)
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<ul style="list-style-type: none"> • Wi-Fi roaming (802.11k/802.11v) within the home network * • Mesh network (tree type) 		
Layer 3 Features <ul style="list-style-type: none"> • PPPoE/static IP/DHCP • NAT/NAPT • Port forwarding • ALG, UPnP • DDNS/DNS server/DNS client • IPv6/IPv4 dual stack • Static/default routes 	O&M <ul style="list-style-type: none"> • Web UI • Dual-system software backup and rollback 	Security <ul style="list-style-type: none"> • SPI firewall • Parent control
<p>*: Supported when the STA supports 802.11k or 802.11v.</p>		

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