

## Overview



The router offers 300Mbps high speed to connect your computers, smart phones, wireless cameras and other Wi-Fi devices. Bundled with two 5dBi high gain antennas, it ensures a better wireless coverage and allows you to enjoy the wireless freedom anywhere around your home, ideal for faster downloading, Internet calling and HD video streaming.

## Features

- Incredible wireless high speed up to 300Mbps, great for faster downloading, Internet calling and HD video streaming
- MIMO high gain 5dBi antennas providing maximum range and stable connections
- Various WAN connection types in AP Router mode- DHCP, Static IP, PPPoE, WISP
- Multiple wireless modes- AP, Repeater, AP+WDS, WDS,
- Easy wireless security setup at a push of the WPS button
- Intelligent bandwidth control to manage the bandwidth usage for each computer reasonably
- Internet Access Control- IP filtering, MAC Filtering, Domain Filtering based on time

## Specification

Wireless

<b>Standards</b>	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>Signal Rate</b>	Up to 300Mbps
<b>Frequency Range</b>	2.4-2.4835GHz
<b>Transmit Power</b>	20dBm(MAX)
<b>Data Transfer Rates</b>	802.11n: 40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 801.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps,9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps)
<b>Wireless Modes</b>	AP, Repeater, AP+WDS, WDS
<b>Wireless Security</b>	64/128-bit WEP, WPA-PSK/WPA2-PSK (TKIP/AES) SSID Broadcast Enable/Disable Wireless MAC Filtering

Hardware	
<b>Chipset</b>	RTL8196E+RTL8192ER
<b>DRAM/Flash</b>	8MB/2MB
<b>Standards</b>	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
<b>Interfaces</b>	1 * 10/100Mbps Auto MDI/MDIX RJ45 WAN port 4 * 10/100Mbps Auto MDI/MDIX RJ45 LAN port
<b>LED Indicators</b>	PWR, WLAN, LAN1-LAN4, WAN, WPS
<b>Buttons</b>	WPS/Default in one button
<b>Antennas</b>	2* 5dBi Fixed Antenna
<b>Power Supply</b>	DC 9V/500mA (Output)
<b>Dimensions(L x W x H )</b>	110x85x25mm

Software	
<b>WAN Type</b>	DHCP, Static IP, PPPoE, WISP
<b>Port Forwarding</b>	Virtual Servers, Static Routing, UPnP, DMZ, FTP Private Port
<b>QoS</b>	WMM, Bandwidth Control
<b>Access Control</b>	IP/MAC Filtering
<b>Others</b>	WOL, Backup & Restore, Firmware Upgrade

Others	
<b>Certification</b>	FCC CE
<b>Environment</b>	Operating Temperature: 0°C~40°C Storage Temperature: -40°C~70°C

	Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
<b>Package</b>	1* device 1* 9V/500mA Power Adapter 1* Quick Installation Guide