1200Mbps 4G5G Gigabit dual Wireless Router

Brief description：

    Hardware.

    WS1208V2 uses the latest MMT7621A wireless solution with clock frequency up to 880MHZ, providing 5 Gigabit auto MDI/MDIX Ethernet ports, 1 x USB 2.0 port, 1 x PCI-E, 1 x M.2, 1 x Micro SD card.

    Wireless.

    Support IEEE802.11AC/N/G/B/A wireless protocol, maximum wireless rate up to 1200Mbps, 6×5Dbi high gain antennas for better performance and coverage

Product Images

Hardware

Latest dual-core networking chipset MT7621A at 880Mhz
DDR3 memory 256MB
SPI FLASH 16MB
Provide 5 Gigabit auto MDI/MDIX Ethernet ports
1*USB2.0 port and 1*PCI-E 1*M.2 port
Provide 1 Micro SD card slot
Support load balancing

Wireless：

Support IEEE802.11AC/N/G/B/A wireless protocol,
the maximum wireless rate can reach 1200Mbps,
6×5Dbi high gain antenna, better performance and more coverage.

Software

OpenWRT pre-installed.
Firmware support rooter.
Firmware support Quectel EC25 series EM/EP06 BG96 EM12 EM20 EM160 RM500Q RM502Q
RM520N Fibocom L850 L860 FM150 module, etc.
Modem band lock support

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WS1208V2｜Hardware Specifications	
Hardware Specifications	MT7621A+MT7612+MT7603 Dual Core 880MHZ DDR3 memory 256MB SPI FLASH 16MB
Protocol Standards	IEEE802.11n/g/b/a/ac, IEEE802.3/802.3u
Wireless Rate	Dual-band concurrent up to 1200Mbps
Operating band	2.4GHz 5.8GHz
4G 5G Modem	4G or 5G modules can be selected, and the frequency band can be selected, Support Cat4/6/12/16/20
Output Power	11n：17dBm±1dBm 11g: 17dBm±1dBm 11b: 19dBm±1dBm 11a: 19dBm±1dBm 11ac: 18dBm±1dBm
Receiving sensitivity	11N HT20 MCS7: -72dBm 11N HT40 MCS7: -69dBm 11G 54Mbps: -74dBm 11B 11Mbps: -86dBm 11A 54Mbps: -73dBm 11AC VHT20 MCS8: -66dBm
Antenna	2 x 5dbi high gain omni-directional wifi antennas, 4 x 5dbi high gain omni-directional 4G5G antennas
Interface	1*10/100M/1000M WAN port with automatic MDI/MDIX with LED 4*10/100M/1000M LAN ports, auto MDI/MDIX with LED 1*USB 2.0 port 1*PCI-E 1*M.2 1*SIM card 1*SD card
LED	power/sys/2.4G/5.8G/4G5G/USB
Button	1 Reset button
Power adapter	DC 12/3000mA
Maximum power consumption	< 24W
Color scheme	Black

Accessories and Packaging	Egg separator paper tray 32*21*6cm *1PCS Whole box: 43.1*28.5*34.8 10PCS Power adapter 12V/2A *1PCS Super Category 5 network cable *1PCS

WS1208V2	Software Specifications	
Factory default settings	IP address:192.168.1.1 User/password:root/admin
WAN access mode	PPPoE, dynamic IP, static IP
Operating Mode	ROUTER (can be customized to add AP mode);
DHCP server	DHCP servers. Client lists. Static address assignment.
Virtual Server	Port forwarding. DMZ hosting.
Supportable system	Original SDK, openwrt
Security Settings	Wireless encryption, support WEP, WPA, WPA2 and other security encryption modes
DDNS	Support
VPN	Support
WEB Theme Switching	Support
Bandwidth Control	Support
Static Routing	Support
System log	Support
Other useful functions	Configuration file import and export Web software upgrade ...
WS1208V2	Other specifications	
Working Environment	Operating temperature: 0℃ to 40℃. Storage temperature: -40° C to 70° C. Operating humidity: 10% to 90%RH non-condensing. Storage humidity: 5% to 90%RH non-condensing.