



AX1800 Wireless Dual Band Gigabit Router

X3



Characteristics

- * Complies with the next generation Wi-Fi 6 (IEEE 802.11ax) standard.
- * Simultaneous 1201Mbps on 5GHz and 573.5Mbps on 2.4GHz for a total of 1774.5Mbps.
- * OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.
- * TWT (Target Wake Time) technology reduces your devices' power consumption to extend their battery life.
- * MU-MIMO technology allows to transfer data to multiple devices at the same time.
- * 4 External 6dBi fixed antennas is perfect for long-distance wireless transmission.
- * Beamforming technology improves directional signal transmission, improving the bandwidth efficiency.
- * Full gigabit ports offer larger capability for data forwarding via cable connection.
- * Supports DHCP, Static IP, PPPoE PPTP and L2TP broadband functions.
- * Supports WPA3 wireless security protocols to ensure network security.
- * Support VPN server, Universal Repeater, Multiple SSIDs, WPS, Smart QoS, Wi-Fi Scheduler.
- * Parental Control on the router lets you easily manage content and time online on any connected device.

Specification

Wireless

Technical items	Descriptions
Standards	IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11a
RF Frequency	2.4~2.4835GHz 5.18~5.825GHz
Data Rate	2.4GHz < 22dBm 5GHz < 20dBm
EIRP	2.4GHz: Up to 573.5Mbps (2*2 40MHz) 5GHz: Up to 1201Mbps (2*2 80MHz)
Wireless Security	WPA2/WPA Mixed WPA3
Reception Sensitivity	2.4G:11b: <-85dbm; 11g: <-72dbm; 11n:HT20<-68dbm HT40:<-65dbm 5G: 11a:<-72dbm; 11n:HT20<-68dbm HT40:<-65dbm 11ac: <-55dbm

	11ax VHT80:<-46dbm 11ax VHT160:<-43dbm
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Hardware

Technical items	Descriptions
Interface	3*1000Mbps LAN Ports 1*1000Mbps WAN Port
Power Supply	12V DC/1A
Antenna	2 * 2.4GHz fixed antennas(6dBi) 2 * 5GHz fixed antennas(6dBi)
Button	1*RST 1*WPS/Mesh
LED Indicators	1*SYS(Red & Green)
Dimensions (L x W x H)	204 x 127.0 x 35mm

Software

Technical items	Descriptions
Basic	Internet Settings Wireless Settings Parental Control Guest Network Settings Smart QoS
Network	Internet Setup LAN Setup DDNS PTV IPv6
Wireless	Wireless Setup Guest Network Schedule Access Control Advanced Parental Control Smart QoS
Device Management	Routing Table Static Route IP/MAC Binding
Security	IP/Port Filtering MAC Filtering URL Filtering
Parental Control	Internet time control based on MAC URL Restrictions
QoS	Up/Down speed control on WAN, Bandwidth control based on IP address
NAT	Virtual Serve

	DMZ VPN Passthrough
Remote network	L2TP Server Shadow socks Account Manage
Service	Remote UPnP Schedule
Tools	Change Password Time Setup System Upgrade Diagnosis Route Tracking Log
Operation Mode	Gateway mode Bridge mode Repeater mode WISP mode
Other Function	Multi-language automatic adaptation Domain Access QR Code LED Control Reboot Logout

Others

Technical items	Descriptions
Package Contents	Wireless Router *1 Power Adapter *1 Ethernet Cable *1 Quick Installation Guide *1
Environment	Operating Temperature: 0℃~40℃ Storage Temperature: -40℃~70℃ Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing

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