

Network Standard IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IPv4, IPv6

Product Segment AX6000 ultimate AX performance

Coverage Very large homes

Data Rate 802.11a : 6,9,12,18,24,36,48,54 Mbps
802.11b : 1, 2, 5.5, 11 Mbps
802.11g : 6,9,12,18,24,36,48,54 Mbps
802.11n : up to 600 Mbps
802.11n (1024 QAM) : up to 1000 Mbps
802.11ac (1024 QAM) : up to 4333 Mbps
802.11ac : up to 3466 Mbps
802.11ax (2.4GHz) : up to 1148 Mbps
802.11ax (5GHz) : up to 4804 Mbps

Antenna External antenna x 4

Transmit/Receive 2.4 GHz 4 x 4
5 GHz 4 x 4

Processor 1.8 GHz quad-core processor

Memory 256 MB Flash
1 GB RAM

Wi-Fi Technology OFDMA (Orthogonal Frequency Division Multiple Access)
Beamforming: standard-based and universal
1024-QAM high data rate
20/40/80/160 MHz bandwidth

Operating Frequency 2.4 GHz / 5 GHz

Encryption WPA2-PSK, WPA-PSK, WPA-Enterprise, WPA2-Enterprise, WPS support

Firewall & Access Control Firewall: SPI intrusion detection, DoS protection
Access control : Parental control, Network service filter, URL filter, Port filter

Management UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, Port Trigger, Port Forwarding, DMZ, System Event Log

VPN Support IPsec Pass-Through
PPTP Pass-Through
L2TP Pass-Through
PPTP server
OpenVPN server
PPTP client
L2TP client
OpenVPN client

WAN Connection Type Internet connection type : Automatic IP, Static IP, PPPoE (MPPE supported), PPTP, L2TP

Utilities Router setup wizard; Firmware restoration; Device discovery;

printer setup utility

PortsRJ45 for Gigabits BaseT for WAN x 1, RJ45 for Gigabits BaseT for LAN x 8
USB 3.1 Gen 1 x 2

FeaturesLink Aggregation

- 802.3ad

MU-MIMO

Traffic Analyzer

Adaptive QoS

WiFiFast Gamers Private Network

AiProtection Pro

Parental Control

Guest Network : 2.4 GHz x 3, 5 GHz x 3

VPN server : PPTP Server, OpenVPN Server, IPSec server

VPN client : PPTP client, L2TP client, OpenVPN client

NAT Pass-Through :PPTP Pass-Through, L2TP Pass-Through, IPSec Pass-Through, RTSP Pass-Through, H.323 Pass-Through, SIP Pass-Through, PPPoE relay

Mac OS Backup

Enhanced media server (AiPlayer app compatible)

- Image : Jpeg

- Audio : mp3, wma, wav, pcm, mp4, lpcm, ogg

- Video : asf, avi, divx, mpeg, mpg, ts, vob, wmv, mkv, mov

AiCloud personal cloud service

3G/4G data sharing

Printer Server

- Multifunctional printer support (Windows only)

- LPR protocol support

Download Master

- Support bt, nzb, http, ed2k

- Support encryption, DHT, PEX and magnet link

- Upload and download bandwidth control

- Download scheduling

AiDisk file server

- Samba and FTP server with account management

Dual WAN

IPTV support

Roaming Assist

ButtonWPS Button, Reset Button, Power Button, Wireless on/off Button, LED on/off Button

LED IndicatorPower x 1

Wi-Fi x 2

WAN x 1

LAN x 1

USB x 2

WPS x 1

Power SupplyAC Input : 110V~240V(50~60Hz)

DC Output : 19 V with max. 2.37 A current

OS SupportWindows® 10

Windows® 8

Windows® 7

Mac OS X 10.6

Mac OS X 10.7

Mac OS X 10.8

Dimensions11.8 x 7.4 x 2.4 ~ inch (WxDxH) (Without Bezel)

Weight1010 g

Operation modeWireless router mode

Access point mode

Media bridge mode

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