

Specifications

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	802.11ax (2.4GHz) : up to 1148 Mbps 802.11ax (5GHz) : up to 4804 Mbps
Antenna	detachable external antenna x 4
Transmit/Receive	2.4 GHz 4x4; 5 GHz 4x4
Processor	2.0 GHz tri-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
Encryption	WPA/WPA2/WPA3-Personal, WPA/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 IPSec server 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
Ports	RJ45 for 2.5G BaseT for WAN/LAN x 1, RJ45 for 2.5G BaseT for LAN x 1, RJ45 for Gigabits BaseT for LAN x 4, USB 3.2 Gen 1 x 1 USB 2.0 x 1
Button	WPS Button, LED button, Reset Button, Power Switch
LED Indicator	Power x 1, 2.4G x 1, 5G x 1, 2.5G WAN x 1, 2.5G LAN x 1, LAN x 1, WPS x 1
Power Supply	AC Input : 110V~240V(50~60Hz) DC Output : 19V with max. 2.37 A current or 19.5V with max. 2.31 A current
OS Support	Windows® 11 Windows® 10 Windows® 8 Windows® 7 Mac OS X 10.6 Mac OS X 10.7 Mac OS X 10.8

Features	ASUS Router app Link Aggregation WAN Aggregation MU-MIMO Traffic Analyzer Adaptive QoS 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, PPPoE relay Mac OS Backup Enhanced media server (AiPlayer app compatible) - Image : - 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 OFDMA Beamforming ASUS AURA RGB lighting Instant Guard Gaming Port Game Boost Gamer VPN Gear Accelerator Mobile Game Mode Open NAT VPN fusion
Product Dimensions	with Antenna: 337.7 x 196 x 220.9 mm
Product Weight	1121.4 g
Operation mode	Wireless router mode Access point mode Media bridge mode Repeater mode AiMesh node mode