ASUS ZenWiFi Pro ET12 AiMesh AXE11000 Wi-Fi System

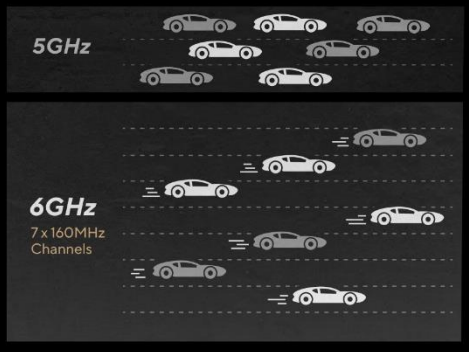
- **Next-gen WiFi Standard** – 12 streams WiFi 6E tri-band mesh system boosts speeds up to 11000Mbps.
- **New 6GHz Frequency Band** – 7 extra 160MHz channels for higher performance, lower latency, and less interference.
- **Dual 2.5G WAN LAN Ports** – 2.5Gbps connection for ultrafast transmission.
- **Expanded Coverage** – The exclusive ASUS RangeBoost Plus improves signal range and overall coverage.
- **Commercial-grade Network Security** – Lifetime free ASUS AiProtection Pro, powered by Trend Micro™, with WPA3 to protect your home.



Massive Capacity

WiFi 6E has up to seven extra high-speed 160MHz channels*, giving you multi-gigabit speeds with stable and consistent connections. It dramatically increases network capacity while reducing congestion, delivering higher performance for every WiFi 6E device.

*Subject to regulatory Limitations, and co-existence with 5GHz WiFi. Number of channels may be less than 7.



More Streams, More Bandwidth

ZenWiFi Pro ET12 is a 12-stream device, with combined total data rates up to 11000 Mbps. This boosts its capacity for transmitting and receiving data to large numbers of devices simultaneously, reducing dead zones and giving ZenWiFi Pro ET12 the performance edge for the busiest home networks.



RangeBoost Plus

ASUS RangeBoost Plus is the latest, most powerful version of our renowned RangeBoost technology, and it improves coverage for all your WiFi devices including legacy devices. Using a next-gen flagship Broadcom WiFi 6 chipset and a 2.0GHz 64-bit quad-core CPU, RangeBoost Plus leverages multiple exclusive ASUS technologies to dramatically improve WiFi signal range and coverage by up to 38%*

*Measured using WiFi 6 client connected at 200 Mbps to WiFi 6 router with RangeBoost Plus, compared to same WiFi 6 client connected at 200 Mbps to WiFi 5 router without RangeBoost Plus.



Dual 2.5G LAN and WAN Ports

ZenWiFi Pro ET12 has both a 2.5G LAN port and a 2.5G WAN port, so you can enjoy full 2.5 Gbps speeds all the way from a compatible ISP to your compatible wired devices.



New 6 GHz Band for Stable Backhaul

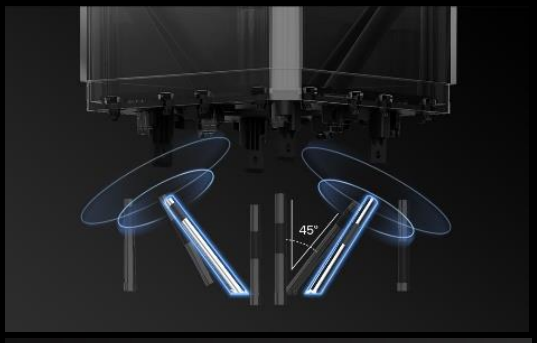
5 GHz and 2.4 GHz bands are getting more and more crowded with the growing number of home devices. The new 6 GHz band is reserved exclusively for WiFi 6E devices, so there's no interference from other legacy devices. This makes it ideal for use as a stable backhaul connection. You can also select the wired Ethernet for the backhaul connection between nodes. Alternatively, you can choose automatic mode and let ZenWiFi Pro ET12 choose the best connection type based on your environment. The choice is always yours!

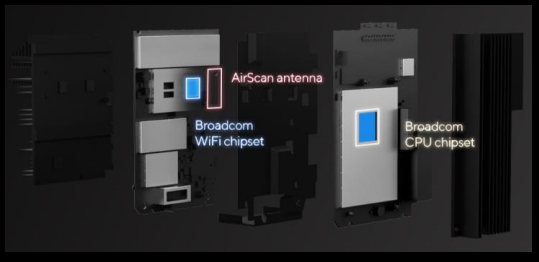
Smart connect | Dedicated backhaul | Ethernet backhaul



Engineered for Performance

ZenWiFi Pro ET12 is engineered to deliver maximum WiFi performance — with throughput improved by up to 18%*— from the latest Broadcom WiFi chipset and CPU . The eight external antennas are carefully located and angled within the special transparent compartment on the top of the router, minimizing interference while maximizing signal coverage.
*The data compares with former WiFi 6 platform.





Commercial-Grade Security for Your Home

Home network security is crucial when you have multiple connected devices, especially if your network hosts devices without virus protection, such as IoT devices. ZenWiFi Pro ET12 includes lifetime free AiProtection Pro, including advanced Parental Controls, and also uses the latest WPA3 security protocol.



Specifications	
Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, WiFi 6E
Product Segment	AXE11000 ultimate AX performance : 1147 Mbps+ 4804 Mbps+ 4804 Mbps
Coverage	Very large homes
Data Rate	802.11b : up to 11 Mbps 802.11a/g : up to 54 Mbps 802.11n : up to 600 Mbps 802.11ac (5GHz) : up to 4333 Mbps 802.11ax (2.4GHz) : up to 1147 Mbps 802.11ax (5GHz) : up to 4804 Mbps 802.11ax (6GHz) : up to 4804 Mbps
Antenna	Internal antenna x 10
Transmit / Riceive	2.4 GHz 4x4; 5GHz 4x4; 6GHz 4x4
Memory	256MB Flash, 1GB RAM
Operating Frequency / power	2.4GHz < 20dBm, 5GHz < 30dBm, 6GHz < 30dBm
Encryption	WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise, WPA3-Personal, WPS
Management	UPnP, IGMP v1/v2/v3, DNS Proxy, DHCP, NTP Client, DDNS, System Event Log
VPN Support	IPSec Pass-Through; PPTP Pass-Through;L2TP Pass-Through;OpenVPN server PPTP client;L2TP client; OpenVPN client; PPTP server
WAN Connection Type	Internet connection type : Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Ports	2 x 2.5G port, 2 x RJ45 10/100/1000Mbps
Features	Router app ; MU-MIMO; Traffic Analyzer; Adaptive QoS; AiProtection Pro; Parental Control; Guest Network; VPN server ;VPN client; IPTV support ; Roaming Assist; OFDMA
Button	Pair Button, Reset Button, WPS
OS Support	Windows® 11 Windows® 10 (Windows 10 Pro license and recovery media included). Windows® 10 64-bit Windows® 8.1 (Windows 10 Pro license and recovery media included). Windows® 8 (Windows 10 Pro license and recovery media included). Windows® 7 (Windows 10 Pro license and recovery media included). Mac OS X 10.1 to 10.12

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Specifications	
Dimensions	115 x 115 x 241 mm / 4.5 x 4.5 x 9.5 In (WxDxH)
LED Indicator	1 x Status Breathing LED 1 x Power LED
Router Special Features	Parental Control, Multiple SSIDs, Parental Control, Instant Guard, Rangeboost Plus
Operation mode	Wireless router mode Access point mode Media bridge mode

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