

ASUS ZenWiFi AX Hybrid AiMesh WiFi System (XP4)

- **Ideal Mesh Solution for thick walls** - Banish dead zone with WiFi 6, Powerline, and Ethernet hybrid technology, which provide you providing the ideal solution for homes with thick or metal-reinforced walls.
- **Intuitive Mobile App Control** - An intuitive interface lets you easily adjust network and take only 3 steps to set up with ASUS Router App
- **Protect Private Information with Just a Tap** -The Instant Guard lets you configure a secure connection on your router with just one click, and for free
- **ASUS AiMesh Support** - Create a flexible, seamless whole-home mesh network with AiMesh-compatible models
- **Commercial-grade Home Network Security** - Lifetime free ASUS AiProtection Pro, powered by Trend Micro™, with WPA3 and advanced Parental Controls to protect your home



Whole-home Coverage

The ZenWiFi AX system includes a pair of ASUS AX1800 WiFi 6 routers, which built-in 1300Mbps HomePlug AV2 powerline networking. It features unique technologies that give you superfast, reliable and secure WiFi connections – inside or outside your home!



Ideal For Overcoming Thick Walls

The ZenWiFi AX Hybrid combines WiFi and powerline technologies, providing the ideal solution for homes with thick or metal-reinforced walls that cause WiFi backhaul problems. Backhaul data for the mesh network can be sent via powerline over your home's electrical wiring, so home devices can connect at full AX1800 WiFi 6 speeds. The HomePlug AV2 MIMO standard is almost 2X faster* than the previous standard.

* The router should be connected directly to a 3-pronged wall socket.



HomePlug AV2 MIMO Ensures High Bandwidth

ASUS ZenWiFi AX Hybrid uses HomePlug AV2, with MIMO and beamforming technologies that use special signal techniques to greatly increase the available bandwidth over electrical circuits to 1300 Mbps. That's almost twice as fast as the previous HomePlug standard!*

*The router should be connected directly to a 3-pronged wall socket.

HomePlug AV2 SISO

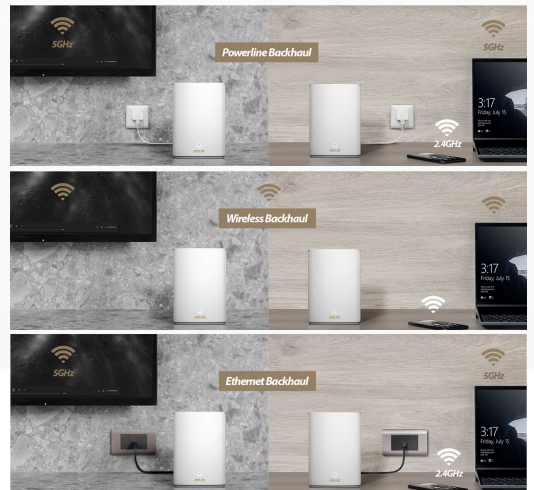


HomePlug AV2 MIMO



Smart & Flexible Backhaul Configuration

ASUS ZenWiFi AX Hybrid gives you three alternative backhaul options: powerline, Ethernet and WiFi. The router intelligently chooses the most reliable method for you, based on connection quality. If you prefer, you can also manually choose the type of backhaul connection.



WiFi 6 True 8K Streaming

ZenWiFi AX Hybrid puts your WiFi into top gear! With a total bandwidth of up to 1800 Mbps*, it's up to 1.5X faster** than WiFi 5 routers***.

* The number of speed is calculated with data rate of 2.4 GHz band and of 5 GHz band, which are respectively 574 and 1201 Mbps. And the DFS channels may not be supported in some countries due to local regulations.

** Compatible WiFi 6 device required.

*** The data compares speed of 2x2 11ax on 5GHz 80MHz bandwidth with 1024QAM modulation to speed of 2x2 11ac on 5GHz 80MHz with 256QAM modulation.



Flexible Network Naming

Uniquely, ZenWiFi AX Hybrid lets you choose how you name your WiFi networks: a single name for everything with 2.4G-5G smart connect, or separate names for each frequency band. The choice is yours!



Easier-than-ever Setup

The ASUS Router mobile app makes it easy to set up and manage your WiFi network. An intuitive interface lets you easily view and adjust network settings direct from your mobile devices with synchronization for all the hubs in each package through one-time setup.



More Privacy, Anywhere

Instant Guard gives you one-click secure internet access via ZenWiFi XP4 from anywhere in the world, thanks to its encrypted data-tunneling VPN technology. With ZenWiFi XP4, you can take your home network with you wherever you go — and say goodbye to web-based third-party VPNs!



Make the Internet a Safer Place for Everyone

All your family members, young or old, are exposed to the dangers of internet every single moment they're online. ZenWiFi includes AiProtection Pro with Advanced Parental Controls to give you total peace of mind, with commercial grade security for your home network and comprehensive, easy control of the online experience for each family member and each device, all via the mobile app.



Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax
Product Segment	WiFi 6 AX1800 + HomePlug AV2 AC1300 performance
Coverage	Very large homes
Data rate	802.11a/g : up to 54 Mbps 802.11b : up to 11 Mbps 802.11n (256 QAM): up to 400 Mbps 802.11ax (2.4 GHz) : up to 574 Mbps 802.11ax (5 GHz) : up to 1201 Mbps 802.3/3u/3ab : 10 Mbps/100Mbps/1000Mbps HomePlug AV2: 1300 Mbps
Transmit/Receive	WiFi: 2.4 GHz 2x2 / 5 GHz 2x2 HomePlug AV: 2x2 MIMO & Beamforming
Memory	256 MB Flash 512 MB RAM
WiFi Frequency	2.4 GHz / 5 GHz
Power Supply	AC Input : 110V~240V(50~60Hz), 1A
Encryption	WPA3-Personal, WPA2-Personal, WPA-Personal, WPA-Enterprise , WPA2-Enterprise , WPS support
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, OpenVPN server, PPTP server, IPSec server, OpenVPN server, PPTP client;L2TP client, OpenVPN client
WAN Connection Type	Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Ports	RJ45 for Gigabits BaseT for WAN x 1 RJ45 for Gigabits BaseT for LAN x 2 1 x USB 3.2 Gen 1

Specifications

Button	WPS/Powerline Pair Button Reset Button
LED Indicator	1 x Breathing Multi-Color LED
Product Segment	Windows® 10 Windows® 8 Windows® 7 macOS X 10.6 or Above iOS 9.0 or higher
Features	Router app ; MU-MIMO; Smart connect ; Traffic Analyzer; Adaptive QoS; AiProtection Pro ; Parental Control; Guest Network; VPN server ;VPN client ; Instant Guard; OFDMA ; Beamforming; IPTV support; Bandwidth Limiter; 3G/4G Tethering; Parental Control, AiCloud, Printer server, AiDisk, Multiple SSIDs, Parental Control
Operation mode	.Wireless router mode .Access point mode .Media bridge mode
Product Dimensions	148 x 71 x 208 mm (WxDxH) 5.04 x 2.79 x 8.19 In (WxDxH)
Product Weight	665g / 1.47 lb
Box Dimensions	(2-pack) 27.5 x 25.5 x 16.5 cm (1-pack) 26.6 x 25.7 x 8.9cm
Box Weight	(2-pack) 2.885kg (1-pack) 1.42kg
Package Content	.XP4 .RJ45 Ethernet Cable .Power Cord .Quick Start Guide .Warranty Card
Note	*Content may vary in different regions and packages.