

ASUS ZenWiFi AiMesh AX6600 Wi-Fi System (XT8 2 Pack)

- **The Most Powerful Mesh Wi-Fi System** — AiMesh with full 802.11ax backhaul and 802.11ax front-haul for stronger Wi-Fi.
- **Ultra-fast Wi-Fi Speed** - ZenWiFi XT8 is a 802.11ax tri-band mesh router, data rate up to 6600Mbps, up to 2.2X faster than 802.11ac tri-band router.
- **Increase Capacity and Efficiency** – Supporting not only MU-MIMO but also OFDMA technique to efficiently allocate channels, communicate with multiple devices simultaneously.
- **Commercial-Grade Security** – AiProtection Pro blocks internet security threats for all your connected devices.



Whole-home Wi-Fi

ASUS AiMesh AX6600 Wi-Fi System features the next-gen Wi-Fi standard - 802.11ax (or Wi-Fi 6) to deliver extremely stable Wi-Fi to every corner of home. The 2-pack design utilizes 802.11ax Wi-Fi as the backbone connection between the two ZenWiFi XT8 routers, transferring data on the fastest ever Wi-Fi channel up to 4804 Mbps*, ensuring every connected device enjoys the best possible speed from you ISP for smooth 4K streaming, online game simultaneously.



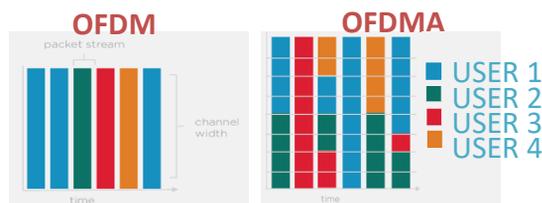
Seamless Connection

ASUS proprietary technology – AiMesh allows ZenWiFi XT8 2-Pack to work with any compatible routers to turn your home Wi-Fi into the latest mesh Wi-Fi system. All the AiMesh routers talk to each other and keep an eye on the signal strength to your device, and switch it seamlessly to another source if necessary. All you have to do is enjoy it!



Higher Efficiency - OFDMA

ZenWiFi XT8 introduces OFDMA technique as used in 4G LTE to boost efficiency and performance in dense environments. OFDMA supersedes the OFDM technology used in 802.11ac generation. Under OFDM, each channel can only be used by one user a time. However, under OFDMA, one channel can transmit data of several users at the same time, thus improving efficiency and reducing latency.



Ethernet Backhaul

Ethernet backhaul function allows you to use network cables to connect two ZenWiFi XT8 routers together. If you have on-wall Ethernet ports in different rooms of your home, this feature lets your routers communicate with one another over a wired connection, making your Wi-Fi system even more stable and reliable. It also reserves all the three Wi-Fi bands for your wireless devices, giving them even more network capacity.



Ultra-fast Wi-Fi Speed

AiMesh AX6600 Wi-Fi System consists two ZenWiFi XT8 routers with 4x4 tri-band Wi-Fi that provides 160MHz* bandwidth and 1024-QAM* for dramatically faster wireless connections. With a total networking speed of about 4804Mbps on the 5GHz-2 band, ZenWiFi XT8 2-Pack is 2.7X faster than normal 802.11ac 4x4 routers. We utilize this 802.11ax speed to transfer data between two ZenWiFi XT8 routers, realizing the fastest Wi-Fi speed before the compatible 11ax devices are available on the market. So you can enjoy the technology from the future now and still connect it with the latest 802.11ac devices when they come out in the near future.

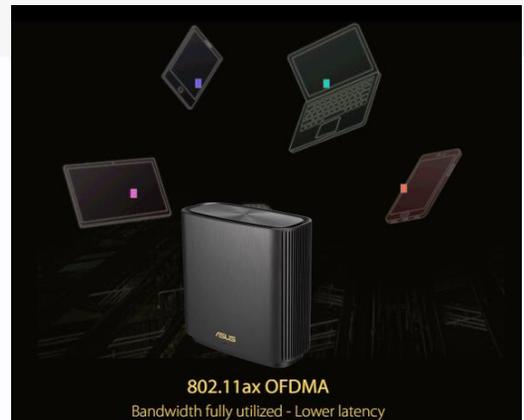


*It requires 160MHz-compatible and 1024QAM-compatible devices to enjoy the benefits brought by 802.11ax Wi-Fi standard.
*The 160MHz bandwidth may be unavailable in the 5GHz band in some regions/countries due to regulatory restrictions

Designed for Multiple Devices

With a revolutionary combination of OFDMA* and MU-MIMO* technology, 802.11ax (Wi-Fi 6) technology provides up to 4X greater network capacity and efficiency in traffic-dense environments. Previous-generation 802.11ac (Wi-Fi 5) Wi-Fi can only handle one device at a time on each network channel, which is an inefficient use of available bandwidth. OFDMA support in the 802.11ax Wi-Fi standard divides each channel into small sub-channels, allowing signals from multiple devices* to be bundled together and transmitted simultaneously, reducing latency for a smoother, more responsive Wi-Fi experience.

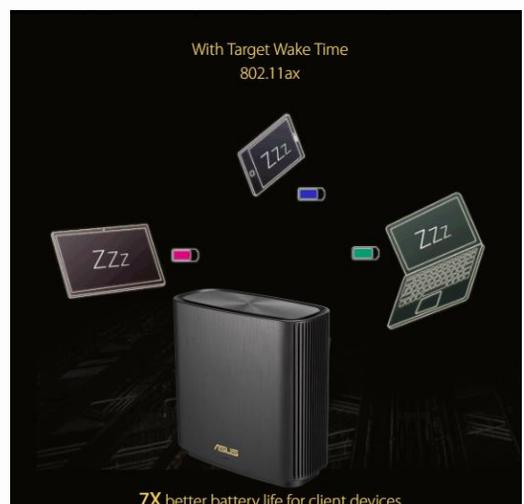
*It requires OFDMA-compatible and MU-MIMO-compatible devices to enjoy the benefit.



Longer Battery Life of Devices

Target Wake Time (TWT) allows AiMesh AX6600 Wi-Fi System to schedule designated intervals for devices to transmit data. This allows them to sleep when there is no need to wait for a router signal, reducing power consumption by up to 7X for significantly improved battery life*.

*It requires 802.11ax-compatible devices to enjoy the benefits brought by 802.11ax Wi-Fi standard.



AiProtection Pro: Safer Internet for Your Family and Devices

All your family members, young or old, are exposed to the dangers of internet every single moment they're online. AiMesh AX6600 Wi-Fi System includes AiProtection Pro powered by Trend Micro™ with automatic, regularly updated security signatures to protect your devices and personal data from internet threats. This strong security offers advanced parental controls, including the ability to block specific websites and mobile app types. Thanks to AiMesh, this protection applies to all your connected devices, no matter which ZenWiFi XT8 router the device is connected to.



Advanced Parental Controls

Keep your kids safe when they explore the internet. The state-of-the-art parental controls in AiProtection integrate all the management functions you need in one place and the intuitive interface makes it super easy to view and apply security settings to all the devices owned by individual family members.*



Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax
Product Segment	AX6600 ultimate AX performance : 574 Mbps+ 1201 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 300 Mbps 802.11ac (5GHz-1) : up to 867 Mbps 802.11ac (5GHz-2) : up to 3467 Mbps 802.11ax (2.4GHz) : up to 574 Mbps 802.11ax (5GHz-1) : up to 1201 Mbps 802.11ax (5GHz-2) : up to 4804 Mbps 802.11ac (2.4GHz) turbo-QAM : 400Mbps 802.11ac (2.4GHz) nitro-QAM : 500Mbps 802.11ac (5G-1) nitro-QAM : 1083Mbps 802.11ac (5G-2) nitro-QAM : 4333Mbps
Antenna	Internal antenna x 6
Transmit/Receive	2.4 GHz 2x2; 5GHz-1 2x2; 5GHz-2 4x4
Memory	256MB Flash, 512MB RAM
Operating Frequency / power	2.4GHz < 20dBm, 5 GHz < 30dBm
Encryption	WPA2-PSK, WPA-PSK, WPA-Enterprise , WPA2-Enterprise, WPS support
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	1 x 2.5G port, 3 x RJ45 10/100/1000Mbps 1 x USB 3.1 Gen 1
Features	Router app ; MU-MIMO; Traffic Analyzer; Adaptive QoS; AiProtection Pro; Parental Control; Guest Network; VPN server ;VPN client; Enhanced media server AiCloud ;3G/4G data sharing; Printer Server; Download Master; AiDisk file server; IPTV support ; Roaming Assist; OFDMA
Button	Pair Button, Reset Button, WPS
OS Support	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

Specifications

Dimensions	16 x 7.5 x 16.15 ~ cm 6.3 x 3 x 6.4in (WxDxH) (Without Bezel)
LED Indicator	1 x Breathing LED
Router Special Features	Parental Control, AiCloud, Printer server, Download Master, AiDisK, Multiple SSIDs, Parental Control
Operation mode	Wireless router mode Access point mode Media bridge mode