

ASUS ZenWiFi BT8

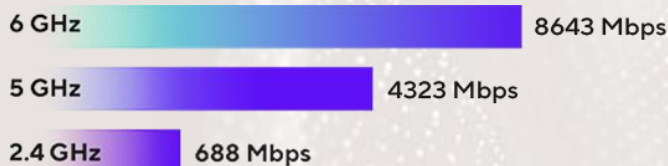
WiFi 7 Worry-free Smart Home Mesh

- Tri-band WiFi 7 speeds up to 14 Gbps with 6 GHz WiFi, MLO, and 4K-QAM
- AI-powered Smart AiMesh boosts coverage up to 5900 ft² (2-pack) and easy extendibility with compatible ASUS routers for seamless and secure whole home WiFi
- Seven internal antennas and eight high-power front-end modules eliminates WiFi dead zones
- 24/7 end-to-end protection with commercial-grade AiProtection Pro and advanced VPNs
- IoT Network, parental controls & VPN easy setup on multiple devices with Smart Home Master SSIDs
- Flexible dual 2.5G Ethernet ports for superfast wired backhaul
- 4G LTE/5G Mobile Tethering for always-on internet



Superior 6 GHz WiFi

Boasting a superior 6 GHz band, ZenWiFi BT8 unleashes blazing-fast tri-band WiFi 7 speeds up to 14 Gbps. It ensures comprehensive WiFi compatibility for a wide range of devices, from cutting-edge WiFi 6E mobile devices to legacy IoT devices.



All-new 320 MHz Bandwidth

WiFi 7 introduces ultrawide 320 MHz channel bandwidth in the 6 GHz band, doubling data transmission capacity. This allows for significantly more simultaneous transmissions at the fastest possible speeds.



Comprehensive MLO Support

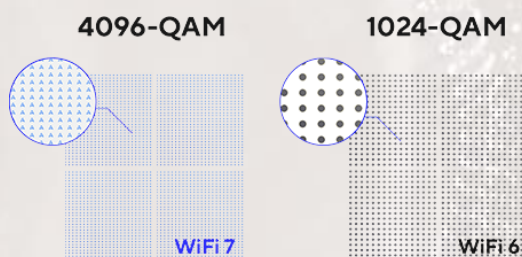
Multi-Link Operation (MLO) enables buffering-free connection by intelligently combining and switching between the 2.4 GHz, 5 GHz, and 6 GHz bands. ZenWiFi BT8 is built to be future-proof with all WiFi 7 devices, regardless of the MLO mode they use.*

*The supported MLO mode and bands may vary by device. Please refer to the device's specifications for details.



20% More Efficient with 4K-QAM

Compared to 1024-QAM with WiFi 6/6E, 4096-QAM (Quadrature Amplitude Modulation) allows each signal to more densely incorporate larger amounts of data, delivering up to 20% more efficient data transmission.



AI-Powered Mesh Backhaul

Smart AiMesh backhaul intelligently leverages WiFi 7 Multi-Link Operation, automatically aggregating or switching across multiple bands for optimized performance and low latency.



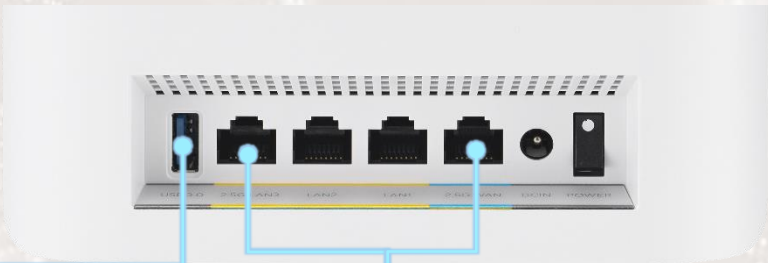
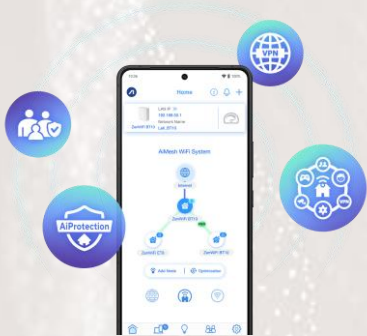
Efficient Data Prioritization

Unlock optimal data transmission efficiency with ASUS Smart AiMesh. Low-priority packets are directed to the less congested band, while high-priority packets enjoy lightning-fast MLO transmission with optimal resource allocation.



Values Beyond Extension

AiMesh goes beyond just extending coverage or seamless roaming. It works with all compatible ASUS routers, offering easy management, advanced security and smart home features across your entire network. The ZenWiFi BT8 built-in advanced parental



4G LTE & 5G Mobile Tethering

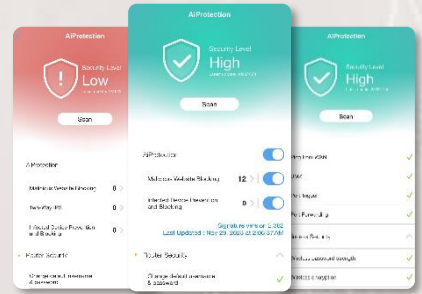
Stay connected anytime with the convenient USB 4G LTE and 5G mobile tethering, even during internet outages or while on the go.

Dual 2.5G Ports

The ZenWiFi BT8 includes one 2.5 Gb WAN port and one 2.5 Gb Ethernet LAN port, ready for next-gen entertainment, home studios and ultra-fast 2.5 Gbps ethernet backhaul.

Commercial-grade AiProtection Pro

AiProtection Pro uses Trend Micro's official database to identify and block known malicious sites, preventing infection even before you click. With one-click security scanning, you can protect your Wi-Fi environment from the growing threat of cyberattacks.



Smart Home Master Network

ASUS Smart Home Master subnetwork management streamlines the process of creating or connecting to dedicated SSIDs with advanced features like parental controls and VPNs.

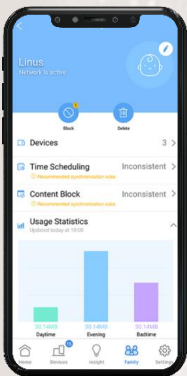
- **IoT Network:** Set up and manage all your IoT devices under one secure SSID to provide enhanced security with commercial-grade protection.
- **Kid's Network:** Create a dedicated SSID just for the kids to easily manage their screen time without needing to configure each device individually.
- **VPN Network:** Connect to your preferred VPN service with a single click through a dedicated subnetwork.



Advanced Parental Controls

Advanced family protection and parental controls empower you to nurture a balanced digital life for you and your kids, all without subscriptions.

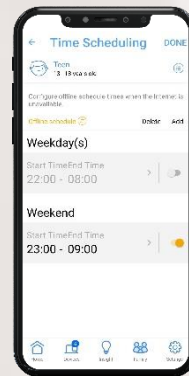
Internet Activity Dashboard



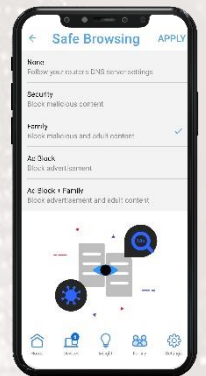
Preset Age-Level Profiles



Flexible Time Scheduling



Safe Browsing



Comprehensive VPN features

Enjoy versatile VPN protocols, including the cutting-edge Wireguard® for lightning-fast speeds and optimal performance.

Instant Guard

When away from home, ASUS Instant Guard gives you a one-tap secure VPN*, and you can even easily share it with your family and friends through a URL link.



Specifications	
Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be, IPv4, IPv6
Product Segment	BE14000 ultimate BE performance
Coverage	Large homes
Data Rate	802.11be (2.4 GHz) : up to 688 Mbps 802.11be (5GHz) : up to 4323 Mbps 802.11be (6GHz) : up to 8643 Mbps
Antenna	Internal antennas x 7
Transmit/Receive	2.4 GHz 2x2 5 GHz 3x3 6 GHz 3x3
Operating Frequency / Power	2.4 GHz < 20dBm, 5 GHz < 30dBm, 6 GHz < 23dBm
Processor	1.8 GHz tri-core processor
Memory	128 MB Flash 1 GB RAM
Ports	2.5G WAN x 1 2.5G LAN x 1 1G LAN x 2 USB 3.0 x 1
Power Supply	AC Input : 110V~240V (50~60Hz) DC Output : 12V with max. 3A current
Button	WPS Button Reset Button Power Switch
LED	RGB LED x 1
Product Dimensions	158.8 x 71.8 x 186.5 mm (H x L x W)
Product Weight	0.85 kg
Box Weight	1.915 kg (1pk) 3.417 kg (2pk)
Box Dimension	24 x 28 x 11.9 cm (1pk) 42 x 28 x 11.9 cm (2pk)
Package Content	- BT8 - RJ45 Ethernet Cable - Power Adapter - Quick Start Guide - Warranty Card

Specifications	
Management	ASUS Router APP, Web GUI
WAN Connection Type	Automatic IP, Static IP, PPPoE(MPPE supported), PPTP, L2TP
Operation mode	• Wireless router mode • Repeater mode • Access point mode
AiProtection	AiProtection Pro Content Filter Router Security Assessment Malicious site blocking Two-Way IPS Infected Device Prevention and Blocking
Encryption	WPA/WPA2/WPA3-Personal, WPA/WPA2-Enterprise, WPS support
Parental Control	Customized Time Scheduling Safe Browsing Web & Apps Filters Reward & Block
Smart Home Master	Kid's Network, IoT Network, VPN Network
VPN Support	Instant Guard VPN Client L2TP VPN Client OVPN VPN Client PPTP VPN Client WireGuard VPN Server IPSec VPN Server OVPN VPN Server PPTP VPN Fusion VPN Server WireGuard