

ASUS ZenWiFi BT7

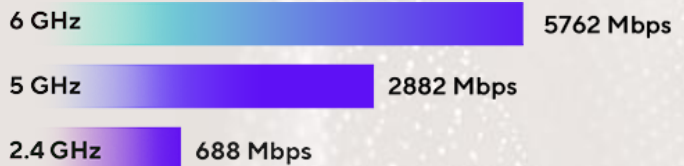
WiFi 7 Worry-free Smart Home Mesh

- Tri-band WiFi 7 speeds up to 9.4 Gbps with 6 GHz WiFi, MLO, and 4K-QAM
- AI-powered Smart AiMesh boosts coverage up to 5800 ft² (2-pack) and easy extendibility with compatible ASUS routers for seamless and secure whole home WiFi
- Six internal antennas and six high-power front-end modules eliminates WiFi dead zones
- 24/7 end-to-end protection with commercial-grade AiProtection and advanced VPNs
- IoT Network, parental controls & VPN easy setup on multiple devices with Smart Home Master SSIDs
- Flexible four 2.5G Ethernet ports for superfast wired backhaul



Superior 6 GHz WiFi

Boasting a superior 6 GHz band, ZenWiFi BT7 unleashes blazing-fast tri-band WiFi 7 speeds up to 9.4 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

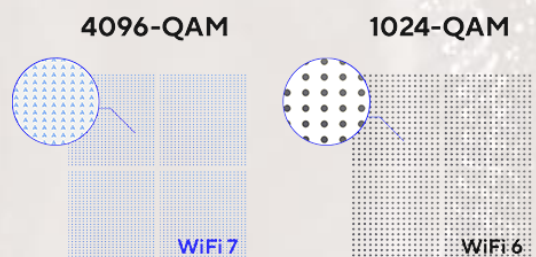
Multi-Link Operation (MLO) enables buffering-free connection by intelligently combining and switching between the 2.4 GHz, 5 GHz, and 6 GHz bands. ZenWiFi BT7 is built to be future-proof with all WiFi 7 devices, regardless of the MLO mode they use.*

*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.





INCREDIBLE COMES FROM WITHIN

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

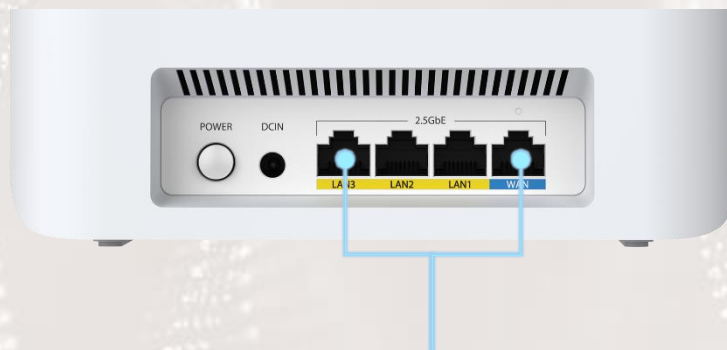
Unlock optimal data transmission efficiency with ASUS Smart AiMesh. Low-priority packets are directed to the less congested band, while high-priority packets enjoy lightning-fast MLO transmission with optimal resource allocation.

MLO

Smart AiMesh
MLO

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.



Four 2.5G Ports

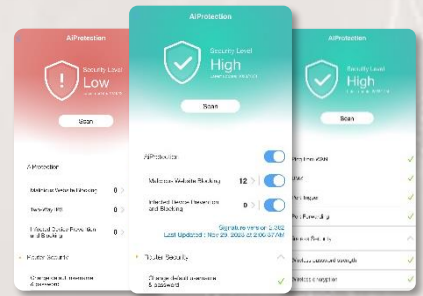
The ZenWiFi BT7 includes one 2.5 Gb WAN port and three 2.5 Gb Ethernet LAN ports, ready for next-gen entertainment, home studios and ultra-fast 2.5 Gbps ethernet backhaul.



INCREDIBLE COMES FROM WITHIN

Commercial-grade AiProtection

AiProtection blocks known malicious sites, advertisements, and trackers, 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.

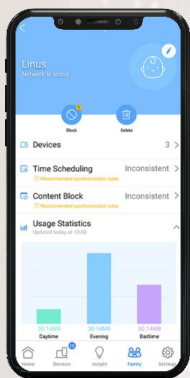
- **IoT Network:** Set up and manage all your IoT devices under one secure SSID to provide enhanced security with commercial-grade protection.
- **Kid's Network:** Create a dedicated SSID just for the kids to easily manage their screen time without needing to configure each device individually.
- **VPN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

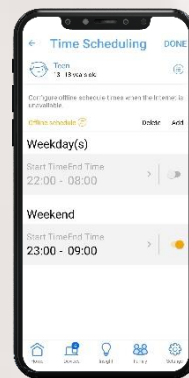
Internet Activity Dashboard



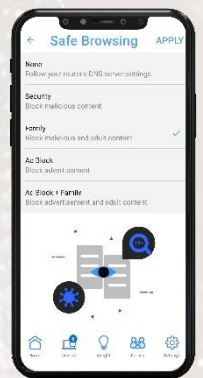
Preset Age-Level Profiles



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	BE9400 ultimate BE performance
Coverage	Large homes
Data Rate	• 802.11be (2.4 GHz) : up to 688 Mbps • 802.11be (5GHz) : up to 2882 Mbps • 802.11be (6GHz) : up to 5762 Mbps
Antenna	Internal antennas x 6
Transmit/Receive	2.4 GHz 2x2 5 GHz 2x2 6 GHz 2x2
Operating Frequency / Power	2.4 GHz < 20dBm, 5 GHz < 30dBm, 6 GHz < 23dBm
Processor	1.5 GHz quad-core processor
Memory	256 MB Flash 1 GB RAM
Ports	2.5G WAN x 1 2.5G LAN x 3
Power Supply	AC Input : 110V~240V (50~60Hz) DC Output : 12V with max. 2.5A current
Button	WPS Button Reset Button Power Switch
LED	RGB LED x 1
Product Dimensions	173.4 x 70 x 196.5 mm (L x W x H)
Product Weight	0.83 kg
Package Content	• BT7 • 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, PPTP, L2TP
Operation mode	- Wireless router mode - Repeater mode - Access point mode
AiProtection	AiProtection Router Security Assessment Malicious site blocking Advertisement Blocking Tracker Blocking
Encryption	WPA/WPA2/WPA3-Personal, WPA/WPA2-Enterprise, WPS support
Parental Control	Customized Time Scheduling Safe Browsing 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
WAN	Dual WAN Port Forwarding Port Triggering DMZ DDNS Let's Encrypt DNS-over-TLS
LAN	DHCP Server IGMP snooping IPTV LAN Link Aggregation Manually Assign IP Address Wake on LAN (WOL)