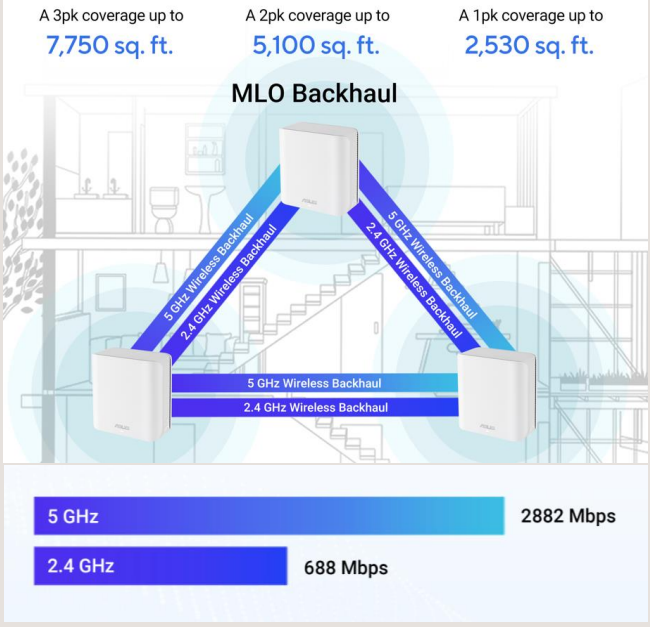
ASUS ZenWiFi BD4
Worry-Free WiFi 7 Smart Home Mesh

- Dual-band WiFi 7 speeds up to 3600 Mbps with MLO and 4K-QAM
- ASUS AiMesh technology boosts coverage up to 7750 sq. ft. (3-pack) and easy extendibility with compatible ASUS routers for seamless and secure whole home WiFi
- Four internal antennas and four high-power front-end modules eliminate 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
- Dual 2.5G Ethernet ports with auto detection
- Quad-core 1.5 GHz CPU and robust cooling



Beyond-fast WiFi 7

The new ZenWiFi BD4 introduces next-gen WiFi 7 speeds of up to 3600 Mbps and extendable coverage of up to 2530 sq.ft. (1pk), 5100 sq.ft. (2pk), 7750 sq.ft. (3pk) for your worry-free smart home. Empowers unbeatable cloud gaming, work-form-home heaven and ultimate 4K HDR entertainment streaming with the 2.5Gb ports.

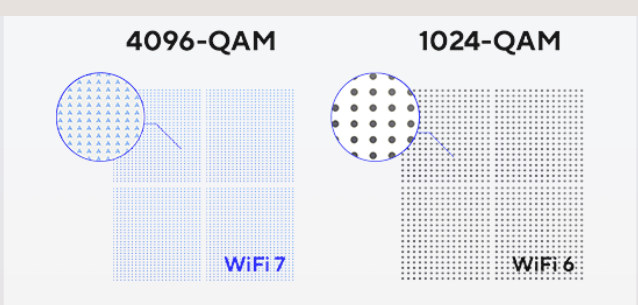


Superior WiFi Performance

Dual-band AiMesh powered by AI delivers congestion-free and seamless connections. Innovative Multi-Link Operation (MLO) harnesses WiFi 7 by aggregating or switching between 5 GHz and 2.4 GHz bands simultaneously, enabling faster speeds with more reliable WiFi connections*.

20% More Efficient with 4K-QAM

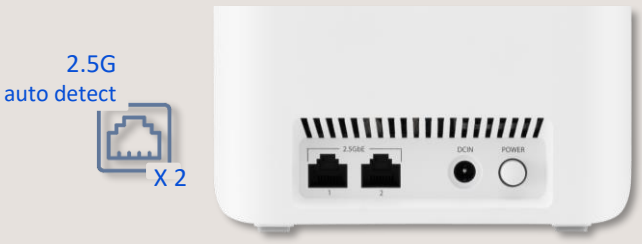
Compared to 1024-QAM with WiFi 6, 4096-QAM (Quadrature Amplitude Modulation) allows each signal to more densely incorporate larger amounts of data, delivering up to 20% more efficient data transmission.



*WiFi 7 features require WiFi routers and client devices with WiFi 7-supported operating systems to support the corresponding features.

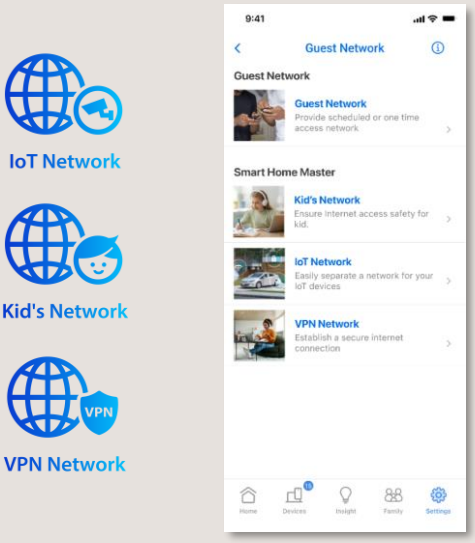
Dual 2.5G Ports

This future-proof system boasts dual 2.5G ports with AI WAN detection, making it ready to handle the ever-growing demands of your connected home. Experience ultra-immersive entertainment like 8K HDR gaming and streaming, or power home studio applications with ease.



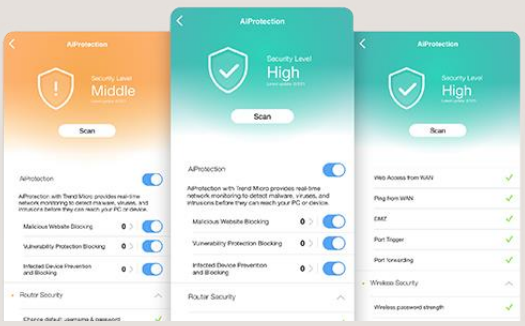
Smart Home Master

The ZenWiFi BD4 introduces the innovative Smart Home Master, a powerful and user-friendly tool for network segmentation with up to three SSIDs. This simplifies the process of creating and managing advanced subnetworks scenarios like creating a dedicated SSID for your children's devices, connecting to a VPN through a dedicated subnetwork, or even creating one secure SSID for all your IoT devices.



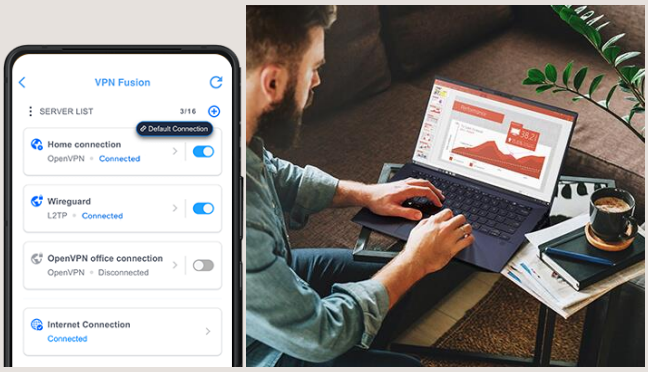
Commercial-grade AiProtection Pro

Stay safe with AiProtection Pro powered by Trend Micro™, with its comprehensive security suite to safeguard against ever-evolving online threats like malware and phishing attacks. The one-tap Security Scan gives you a quick router security check for your WiFi passwords' strength, port configurations, and more.



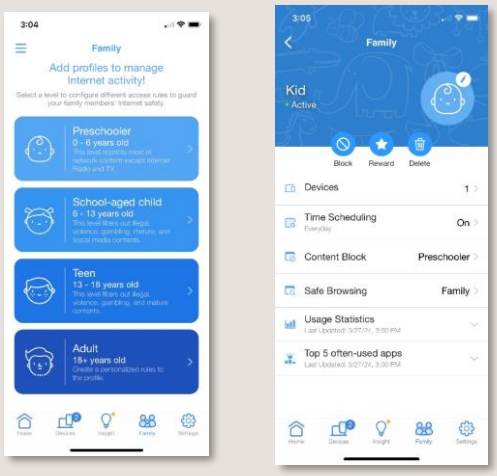
Comprehensive VPN features

The ZenWiFi BD4 offers extensive VPN capabilities, supporting various protocols including the latest Wireguard® for optimal performance. Whether you want to browse securely on public WiFi or access your home network remotely, the ZenWiFi BD4 has you covered. Its site-to-site VPN feature even lets you securely connect routers across different networks for seamless data transfers.



Advanced Parental Controls

The ZenWiFi BD4's built-in advanced parental controls empower you to nurture a balanced digital life for your kids – without subscriptions. Gain valuable insights into their online activity, customize settings seamlessly, and schedule internet access to promote healthy habits.



Specifications

Network Standard	IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, IEEE 802.11ax, IEEE 802.11be
Data Rate	802.11b : up to 11 Mbps 802.11a/g : up to 54 Mbps 802.11n : up to 300 Mbps 802.11ac (5GHz) : up to 1083 Mbps 802.11ax (2.4GHz) : up to 574 Mbps 802.11ax (5GHz) : up to 1201 Mbps 802.11be (2.4GHz): up to 688 Mbps 802.11be (5GHz): up to 2882 Mbps
Antenna	Internal antenna x 4
Transmit/Receive	2.4GHz 2x2, 5GHz 2x2
Memory	128MB Flash, 512MB RAM
Ports	2.5G x 2 (AI WAN Detection)
Power Supply	AC Input : 110V~240V (50~60Hz) DC Output : 12V with max 1.5A
Encryption	WPA3 Enterprise, 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	Instant Guard VPN Client L2TP VPN Client Open VPN VPN Client PPTP VPN Client WireGuard VPN Server IPSec VPN Server Open VPN VPN Server PPTP VPN Server WireGuard VPN Fusion
WAN Connection Type	Automatic IP, Static IP, PPPoE (MPPE supported), PPTP, L2TP
Button	WPS Button, Reset Button, Power Button
OS Support	Windows® 11 Windows® 10 Windows® 8.1 Windows® 8 Windows® 7 Windows® XP Mac OS X or higher Linux
Operation Mode	Router mode, Access point mode, AiMesh node mode

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Specifications

Features	• Router app • Guest Network • Smart Home Master: IoT Network, VPN Network, Kid's Network • Adaptive QoS • AiProtection Pro • Advanced Parental Control • VPN server • VPN client • IPTV support • Bandwidth Limiter
Product Dimensions	140 x 70 x 140 mm
Product Weight	0.5 kg
Box Weight	0.79 kg (1pk) 1.50 kg (2pk) 2.19 kg (3pk)
Box Dimension	21.9 x 17.4 x 7.9 cm (1pk) 40.7 x 17.4 x 7.8 cm (2pk) 33.0 x 17.4 x 15.0cm (3pk)
Package Content	• BD4 • Quick Start Guide • Warranty Card • Power adapter • RJ-45 cable

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