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ASUS ZenWiFi BD4 Dual-band (2.4 GHz / 5 GHz) Wi-Fi 7 (802.11be) White 2 Internal

Model: BD4 1-pak

Manufacturer: ASUS

EAN: 4711387534496

Product Code: 973365

R2,964

ASUS ZenWiFi BT8 Worry-Free Smart Home Mesh

The ASUS ZenWiFi series advances your ever-evolving smart home with worry-free WiFi. The ASUS ZenWiFi BT8 raises the bar for whole-home mesh with WiFi 7 and next-gen Smart AiMesh technology. It delivers blazing-fast tri-band speeds up to 14 Gbps and unleashes superior 6 GHz WiFi. Along with ultra-high-speed dual 2.5-gigabit Ethernet ports and a suite of advanced network and security technologies, this mesh WiFi system is ready for the future of your smart home network today.

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DESIGN

The Pinnacle of WiFi

ASUS ZenWiFi BT8 embodies our unwavering commitment to developing incredible in-house WiFi and network technologies. Seamlessly connect to your family and friends within a worry-free connected experience.

Incredible Comes From WiFi 7

IEEE 802.11be

WiFi 7 Powering Premium Mesh

The ZenWiFi BT8 boasts cutting-edge WiFi 7 technology. This superior tri-band mesh system unleashes the full potential of WiFi 7 with wired backhaul options. Enjoy a next-generation connected experience for home entertainment and cloud computing, including 8K streaming, HDR gaming, content creation and AI.

Tri-band up to 14000 Mbps

Up to 2.4x Faster* With 320 MHz & 4K-QAM *Compared to WiFi 6E

Tri-band Multi-Link With 2.4 GHz + 5 GHz + 6 GHz

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.

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.*

*Supported MLO modes and bands may vary by device. Please refer to device specifications for details.

Ultrawide 320 MHz Channels

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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.

Efficient 4K-QAM Transmission

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

MESH TECHNOLOGY
AI-Boosted Smart AiMesh
ZenWiFi BT8 harnesses the power of WiFi 7 and next-gen Smart AiMesh technology to deliver wider coverage, a more stable and secure network and a feature-rich network experience – all under one network name for your entire smart home.

A 2pk coverage up to 5,900 sq. ft. 5+ Rooms
A 1pk coverage up to 3,000 sq. ft. 4+ Rooms

Intelligent 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.

A GIF showing ASUS Smart AiMesh auto-aggregating or switching across multiple bands for optimal backhaul.

Scalable 2.5G Connectivity

Experience lightning-fast speeds even in homes with thick walls. With dual 2.5G ports, you can extend the 2.5G wired mesh backhaul between mesh nodes for strong, seamless connectivity, ensuring your entire home network stays connected and ready for the future.

Smart MLO Connect

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Smart AiMesh uses Multi-link Operation to achieve a faster connection. Intelligent algorithms direct low-priority packets to the less congested band, ensuring that high-priority packets remain lightning-fast for optimal data transmission.

A GIF showing email packets directed to a less congested band, while high-priority packets enjoy fast MLO transmission.

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.

Performance

Engineered for Always-Connected Home

ASUS engineering shines in ZenWiFi BT8's robust design, delivering superior coverage and unrivaled reliability.

Unrivaled Coverage and Reliability

With seven internal antennas and eight high-power front-end modules, the ZenWiFi BT8 eliminates WiFi dead zones, delivering consistent coverage in all directions. Efficient heat dissipation also maintains cool and quiet operation for enhanced performance and long-lasting reliability.

Next-gen Powerhouse

Fueled by a powerful CPU and 1 GB of RAM, the ZenWiFi BT8 delivers exceptional processing power. This unleashes advanced features, optimizing your network for smoother 8K streaming, HDR gaming and an enhanced AI network experience.

Next-Gen Connectivity

Embrace the future of 2.5G home networking with the ZenWiFi BT8.

Dual 2.5G Ports

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

Versatile WAN Options

The ZenWiFi BT8 provides versatile WANs, including a 2.5G WAN port and an USB WAN for flexible network configurations.

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.

How to set it up?
Worry-Free WiFi
Network Security
Safeguard Everyone and Every Connected Device
In a connected world, your home network is the gateway to your digital life. Gain complete visibility and control over your home network, defend against emerging threats, and ensure seamless protection for all your connected devices and personal data. ASUS Network Security provides peace of mind with robust router protection, device protection, and secure connections.

Comprehensive Triple-level Protection

Robust router safeguards with commercial-grade cloud protection powered by Trend Micro™ shield your smart home network, while feature-packed controls and management empower every member of your household to manage their connected devices securely for ever-evolving cybersecurity landscape. Additionally, advanced encrypted connection protects your online activity and data, keeping them private and secure.

Top-Notch Security Within Reach

The intuitive ASUSWRT interface and mobile router app let you easily monitor, control and manage your network security, including advanced features such as VPNs.

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Extendable Custom Network

AiMesh technology ensures your whole-home WiFi remains protected under the same SSID. The new Smart Home Master unlocks even more advanced settings for further customization.

One-Stop Solutions

ASUS partners with trusted security and VPN solution providers to offer one-stop security solutions with optimal network performance.

User Friendly
Router Protection Made Easy
ASUS Network Security includes convenient network tools such as a one-tap Security Scans for diagnosing network health, fine-tuned settings options, and on-the-go notifications.

Instant Notifications

Receive instant notifications for new device connections to block unknown devices from accessing your network or group new devices into a user profile.

Auto Security Updates

Secure your router with integrated defense measures that continuously update and scan to protect against malware and emerging threats.

Network Segmentation
Feature-Packed Smart Home Master SSIDs
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.

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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.

Parental Controls
Safer, Smarter Family Protection
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

Monitor your kids' Internet usage through a comprehensive graphical dashboard. See their online time, data consumption, and device-specific activity at a glance.

Preset Age-Level Profiles

Preset profiles automatically filter inappropriate content and set screen time schedules, making it easy to apply settings based on your children's ages.

Flexible Time Scheduling

Define online and offline hours for each child, ensuring balanced screen time and fostering healthy digital habits. Reward good behavior with extra online time as positive reinforcement.

Safe Browsing

Customize protection for individual users or a group of devices with safety filters to secure your online activities.

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VPN

Stay Protected Anywhere, Anytime

Enjoy secure browsing, data privacy, remote access – extensive ASUS VPN capabilities handle it all. The ZenWiFi BT8 supports 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.

How to set it up?

*The router must have a public IPv4 WAN IP address to use ASUS Instant Guard.

Multiple VPN Connection

Connect to multiple encrypted VPN tunnels simultaneously while maintaining the Internet access without interruption.

ASUS Router App

Three-Step Easy Setup, Powerful Controls

The intuitive interface of the ASUS Router mobile app makes managing your network simple on your smartphone. Simply follow the on-screen directions, and you will be up and running in no time!

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