# ASUS ZenWiFi BD4 Outdoor

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|---|---|
| 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 | BE3600 ultimate performance |
| Data Rate | • 802.11a/g : up to 54 Mbps<br>• 802.11b : up to 11 Mbps<br>• 802.11n : up to 600 Mbps<br>• 802.11ac (1024QAM) : up to 1775Mbps<br>• 802.11ax (2.4 GHz) : up to 574 Mbps<br>• 802.11ax (5 GHz) : up to 1201 Mbps<br>• 802.11be (2.4 GHz) : up to 688 Mbps<br>• 802.11be (5 GHz) : up to 2882 Mbps |
| Chipset Solution | CPU: IPQ5322 (1.5GHz quad-core) |
| WiFi Solution | 2.4GHz:IPQ5322<br>5GHz: QCN6422 |
| Transmit / Receive | 2.4GHz 2x2<br>5GHz 2x2 |
| FEM | 2.4GHz : Richwave 77201E<br>5GHz: Richwave 77502 |
| Memory Size | Flash 128MB, DDR4 RAM 512MB |
| Ethernet Ports | 2 X 2.5G ports<br>(PoE and WAN/LAN auto-detect) |
| Operating Frequency/power | 2.4 GHz < 24dBm<br>5 GHz < 24dBm |
| Surge Protection | AC Mode: line to line 1KV; line to ground 2KV<br>PoE Mode: line to line 2KV; line to ground 4KV |
| Temperature Range | -30°C to 60°C (0°C cold start) |
| Power Consumption | 16.5W |
| Antenna | Dual-band Internal Antenna x 2 |
| LED | 1x RGB tri-color LED, 1x white LED |
| Button | Reset |
| Mounting | Tabletop<br>Wall-mounting<br>Pole-mounting |
| AC Power Adapter | AC Input: 110V~240V (50~60Hz), 2A |

# SPECIFICATION

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|---|---|
| Operation Mode | Wireless Router Mode<br>AiMesh Node Mode |
| Product Dimension | 106 x 106 x 200 mm |
| Product Weight | 1040 g |
| Box Dimension | 255 x 250 x 136 mm |
| Box Weight | 1621 g |
| Package Content | • BD4 Outdoor<br>• RJ45 Ethernet Cable<br>• AC Power Cord<br>• Quick Start Guide<br>• Warranty Card<br>• Wall and Pole Mounting Kit |
| Features | • OS: Window 11, Mac OS X or higher, Linux<br>• UI: ASUS Router app, ASUSWRT Web<br>• Traffic Control: Real-time Traffic Monitor, Wired Traffic Monitor, Wireless Traffic Monitor<br>• Smart Home Master: IoT Network, VPN Network, Kid's Network<br>• VPN: Instant Guard, VPN server IPSec, VPN server Open VPN, VPN server WireGuard, VPN client L2TP, VPN client Open VPN, VPN client PPTP, VPN client WireGuard, VPN Fusion |

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