



Model: WR11000

# BE11000

Multi-Gigabit  
Wi-Fi 7 Mesh Router



[Datasheet](#)

## Specifications

- Qualcomm 1.5 GHz Quad-Core 64-Bit Cortex-A53 CPU
- Waring Tri-Band BE11000 Wi-Fi 7
- High-Power External FEMs for Broader Wi-Fi Coverage
- 4× 2.5G Ethernet Ports for Multi-Gig Internet
- 6× Fixed Antennas with Beamforming
- Ultra-Wide 240/320 MHz Bandwidth
- MLO, Puncturing, OFDMA, MU-MIMO
- IPv4/IPv6, TR069/TR098/TR181/TR111

## Hardware Features

Processor	Qualcomm IPQ5322 1.5 GHz Quad-Core CPU
RAM / Flash	512 MB DDR4 RAM / 128 MB NAND Flash
Antennas	6× Fixed Omni-Directional Antennas
Ethernet Ports	1× 10/100/1000/2500 Mbps WAN Port 3× 10/100/1000/2500 Mbps LAN Ports
Buttons	WPS Button, Reset Button
Power Supply	12 V / 2 A
Dimensions ( W×D×H )	253×152.5×48.2 mm (9.96×6×1.9 inches)

## Wireless Features

Wireless Standards	IEEE 802.11be/ax 6 GHz
	IEEE 802.11be/ax/ac/n/a 5 GHz
	IEEE 802.11be/ax/n/b/g 2.4 GHz
Wireless Frequency	6 GHz, 5 GHz, 2.4 GHz
Wireless Bandwidth	20/40/80/160/240/320 MHz
Signal Rate	5760 Mbps (6 GHz)
	4320 Mbps (5 GHz)
	688 Mbps (2.4 GHz)
Transmit Power	CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz, 6 GHz)
	FCC: <30 dBm (2.4 GHz, 5 GHz), <25 dBm (6 GHz)
Wireless Modes	Enable/Disable Wireless Radio, WMM
Wireless Security	WPA-PSK, WPA2-PSK, WPA3-SAE,
	WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3-SAE
Other Features	MLO, DL/UL MU-MIMO, DL/UL OFDMA,
	Beamforming, Mesh

## Software Features

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Compatible with 15 more DDNS Providers
Guest Network	1 × 2.4 GHz Guest Network
	1 × 5 GHz Guest Network
	1 × 6 GHz Guest Network
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
VPN	PPTP/L2TP/IPSec/OpenVPN/WireGuard/ZeroTier
Working Mode	Wi-Fi Router/ AP/RE/ WISP/Mesh
CWMP Protocol	TR069 / TR098 / TR111 / TR181
ACS Server Compatibility	GenieACS, OpenACS
TTL	Extend/Spoof/Custom
DNS	Cloudflare/Google/Quad9/Custom
VLAN	Tag VLAN / IPTV
Internet Protocols	IPv4 / IPv6
IPv6	Relay
	Dynamic (SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	MAP-E (Dual-stack)
	DS-Lite (Dual-stack)

## Others

Package	Wi-Fi Router
Content	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
Environmental	Operating Temperature: 0 °C ~ 40 °C (32 °F ~ 104 °F)
Requirements	Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F)
	Operating Humidity: 10% ~ 90% non-condensing
	Storage Humidity: 5% ~ 90% non-condensing
System	Systems with wireless or wired network connectivity
Requirements	Web browser, such as Edge, Firefox, Chrome, or Safari
	Internet access subscription with ISP