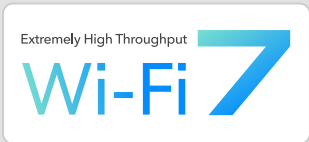




Model: WR3600

BE3600

Gigabit Mesh Wi-Fi 7 Router



Easy Setup with
Cudy App





Highlights

A dual-band WiFi 7 router with an aggregate of 3.6 Gbps speed and four Gigabit ports, catering to gaming and entertainment scenarios.

- 4-Stream Dual-Band Wi-Fi 7
- 2882 Mbps + 688 Mbps Wi-Fi
- 4× Gigabit Ethernet Ports
- Covers 130 m² (1,400 ft²)
- VPN Server and Client
- Cudy App, Cloud Control

Package Content

- WR3600
- Power Adapter
- Ethernet Cable
- Installation Guide

Hardware Specs

CPU	CPU Details	1.2 GHz Dual-Core
Memory/Storage	Flash/ROM	128 MB (1 Gbit) NAND
	DDR/RAM	256 MB (2 Gbit) DDR3
Wireless	MLO Speeds	3570 Mbps
	5 GHz Wi-Fi Speed	2882 Mbps
	2.4 GHz Wi-Fi Speed	688 Mbps
	5 GHz Wi-Fi Streams	2 Spatial Streams
	2.4 GHz Wi-Fi Streams	2 Spatial Streams
	Wi-Fi Antennas	4× Fixed
	FEM or PA/LNA	5 GHz: 2× External, 2.4 GHz: 2× Internal
	Beamforming	✓
	Range Performance	Max: 220 m (722 ft)
		Tested in open-space environments with minimal interference.
Wall Performance		Actual WiFi range may vary depending on layout and wall materials.
		Refer to the Wall Performance specifications for placement suggestions.
		Two wooden walls with thickness < 10 cm (4")
		One concrete wall with thickness < 20 cm (7") or two concrete walls
		with thickness < 10 cm (4")
Interfaces	Gigabit RJ45 Ports	4
	Ethernet Notes	1× WAN port, the rest are LAN ports
	LED	Power, Internet, WAN, LAN, 2.4 GHz Wi-Fi, 5 GHz Wi-Fi
	Physical Buttons	WPS Button, Reset Button
Power	Power Input Type	DC Jack
	Power Methods	DC



Hardware Specs

Power	Power Input	12V=1A
	Power Adapter In the Box	Input: 100-240V~, 50/60Hz
		Output: 12V=1A
	Max Power Consumption (W)	10W
Reliability	Environment	Operating Temperature: 0 °C ~ 40 °C (32 °F ~104 °F)
		Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F)
		Humidity: 10% ~ 90% non-condensing
		Storage Humidity: 5% ~ 95% non-condensing
Certifications	FCC, CE	
Mechanical	Installation	Desktop
		Wall-mount
	Dimension	Device:
		183.3×109×38 mm
		7.22×4.29×1.5 inches
		Each Antenna:
		175 mm
		6.89 inches
Ordering Information	Retail Package Dimension	330×256×60 mm
		12.99×10.08×2.36 inches
	Units per Carton	10
	Carton Dimension	52.8×31.7×34.7 cm
20.79×12.48×13.66 inches		

Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 7
	Separate Client	✓
	Max Wi-Fi Modulation	4K-QAM
	Wi-Fi Efficiency	MLO
		MRU
		Puncturing
		OFDMA
		MU-MIMO
		BSS Color
	Max Capacity	128
General	Recommended Client Upper Limit	70
	Wi-Fi Channel Width	Auto/20/40/80/160 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Guest Network	2.4 GHz, 5 GHz
	Operation Modes	Wi-Fi Router
		Access Point
		Range Extender
		WISP
		Client
	Mesh	Cudy Mesh
	Mesh Backhaul	Wireless Backhaul
		Wired Backhaul
	Multi-Band Backhaul	✓
	WAN Mode	DHCP



Software Specs

General	WAN Mode	Static IP
		PPPOE
		PPTP
		L2TP
Network	QoS	Per-User Rate Limiting
		Guest Network Rate Llimiting
	DHCP	Address Reservation
		DHCP Client List
		Server
	IP Versions	IPv4/IPv6
	IPv6 Protocols	Relay
		Dynamic (SLAAC/DHCPv6)
		Static (Fixed IP)
		Passthrough
		464XLAT
		MAP-E
		DS-Lite
	Multicast	✓
	IPTV/VLAN	Bridge
		Tag VLAN
		VoIP VLAN
		IPTV VLAN
	TTL Customization	Extend
		Spoof

Network	TTL Customization	Custom
	IGMP	IGMP Proxy
		IGMP Snooping
	Forwarding	Port Forwarding
		Port Triggering
		UPnP
		DMZ
	Firewall	SPI Firewall
		DoS Protection
		Block PING
	Application Layer Gateway	IPSec Passthrough
		L2TP Passthrough
		PPTP Passthrough
		FTP Passthrough
		TFTP Passthrough
		H323 Passthrough
		SIP Passthrough
Utilities	VPN Server	RTSP Passthrough
		WireGuard
		OpenVPN
		IPsec
		Zerotier
		PPTP
		L2TP



Software Specs

Utilities	VPN Client	WireGuard
		OpenVPN
		IPsec
		Zerotier
		PPTP
		L2TP
	VPN Performance	OpenVPN Client (UL/DL): 30.1 / 37.8 Mbps
		OpenVPN Server (UL/DL): 79.5 / 96.8 Mbps
		WireGuard Client (UL/DL): 185 / 213 Mbps
		WireGuard Server (UL/DL): 213 / 189 Mbps
	DNS Options	DNS over TLS
		Manual DNS
		Rebind Protection
		Override Clients' DNS
	DNS over TLS Providers	Cloudflare
		Google
		Quad9
		Custom
	Wake on LAN	✓
	Online Detection	✓
Management	Parental Controls	Profiles Settings
		Offline Time
		Online Time
		Pause the Internet

Management	Parental Controls	Web Filter
	All Devices Management	Wi-Fi Time Schedule
		MAC Filter
		IP/MAC Binding
	Per-Devices Management	Internet On/Off
		VPN On/Off
		Online Time Schedule
		Device Rename
	Content Management	Domain Filtering
		IP Filtering
System	LED Control	✓
	Local Control Method	Config Web Page
		App Control
	Remote Control Method	Config Page via HTTPS
		App Control
		TR069/TR098/TR111/TR143/TR181
	Firmware Upgrade	Local Update
		App (Over the Air)
		Online Update
	Reliability	Timed Reboot
		Backup and Restore
	Diagnostic Tools	Diagnosis
		Ping
		Traceroute



Software Specs

System	Diagnostic Tools	NSLookup				
		System Log				
	Languages	English	Spanish	Japanese	Portuguese	Turkish
		Bengali	French	Khmer	Romanian	Ukrainian
		Catalan	Hebrew	Korean	Russian	Vietnamese
		Czech	Croatian	Dutch	Slovak	Simplified Chinese
		German	Hungarian	Norwegian	Swedish	Traditional Chinese
		Greek	Italian	Polish	Thai	
Dashboard	Panel	Internet Status				
		Mesh Status				
		Devices Management				
		WAN Status				
		LAN Status				
		Wi-Fi Status				
		VPN Status				
		DHCP Server Status				
		System Version				
	Charts	Internet Speed				
		Wi-Fi Speed				
		Mesh Topology				