cudy

Model: **RE**3600

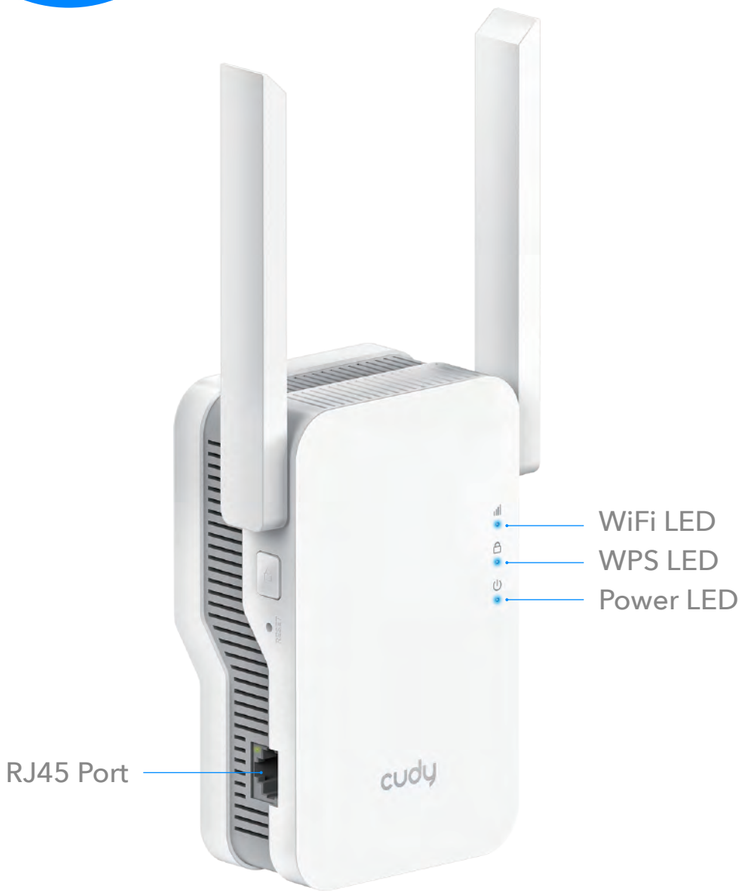
BE3600

Mesh Wi-Fi 7 Range Extender

- Powerful Broadcom 2 GHz Quad-Core CPU
- Compatible with Any Wi-Fi Router or Gateway
- 3-In-1 Wi-Fi Extender/ Access Point/ Add-on Mesh

Wi-Fi 7

WHOLE HOME MESH
Expandable Seamless Coverage



4K 5GHz 2882Mbps

2.4GHz 688Mbps

Features

Multi-Link Operation (MLO)
- MLO in Wi-Fi 7 aggregates traffic across multiple bands

Wall-Plug Design
- Easy to install and move

External Antennas
- Provides powerful connectivity and expansive Wi-Fi coverage

Easy Setup
- Setup with the WPS button of the existing router and Cudy RE3600

Ethernet Port
- Connect a wired device for better performance

Enjoy Cudy Whole Home Mesh Wi-Fi System

Main Mesh Unit

+

Add-on Mesh Units

=

WHOLE HOME MESH

Works With All Cudy Whole Home Mesh Products

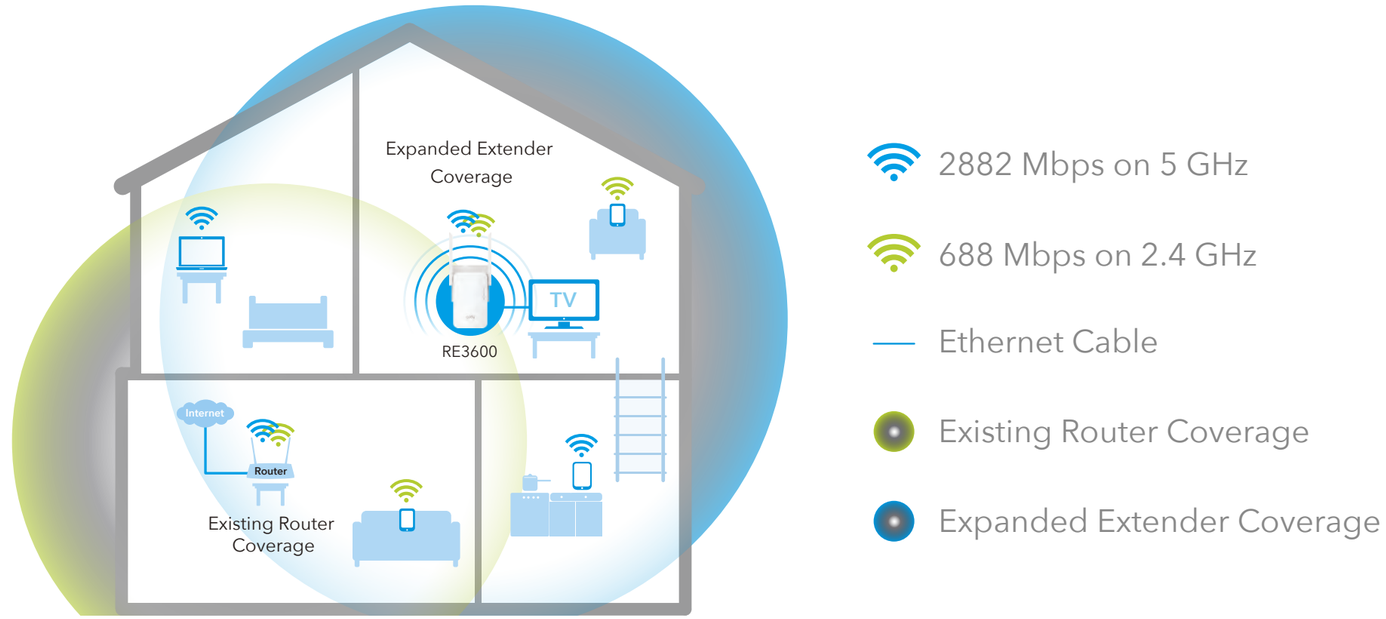
Extend Your Wireless Coverage with Wi-Fi 7

Say goodbye to Wi-Fi dead zones

A single router has limited Wi-Fi coverage and always causes Wi-Fi dead zones. RE3600 wirelessly connects to your existing router and boosts Wi-Fi signals throughout your home, giving you a smooth Wi-Fi network experience with great capacity and coverage.

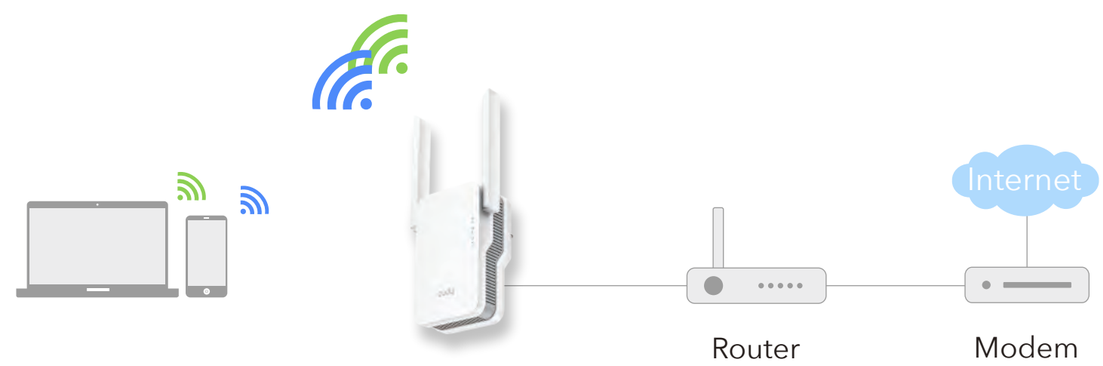
More Connections, Better Performance

The latest Wi-Fi 7 technology is built for today's devices, eliminating lag, endless loading and dead spots. It's perfectly suited to your network needs especially for bandwidth-intensive tasks like cloud gaming or 4K UHD video.



Wi-Fi Extender Mode

Access Point Mode



Hardware Specs

Model Version	RE3600 1.0	
CPU	Chipset	BCM6764
	CPU Details	2.0 GHz Quad-Core, ARM Cortex-A7
Memory/Storage	Flash/ROM	128 MB (1 Gbit) NAND
	DDR/RAM	256 MB (2 Gbit) DDR3
Wireless	5 GHz Wi-Fi Speed	2882 Mbps
	2.4 GHz Wi-Fi Speed	688 Mbps
	5 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	2.4 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	Wi-Fi Antennas	2× Fixed
	FEM or PA/LNA	• 5 GHz: 2× Internal • 2.4 GHz: 2× Internal
	Range Performance	Max: 150 m (492 ft) Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions.
	Wall Performance	One wooden wall with thickness < 20 cm (7'') One concrete wall with thickness < 10 cm (4'')
Interfaces	Gigabit RJ45 Ports	1
	LED	• Signal Strength • WPS • Power
	Physical Buttons	• WPS Button • Reset Button

	Power Input	AC Plug
	Power Input Note	EU, US, UK, AU Plug are Available
Power	Power Methods	AC
	AC	100V ~ 240V
Reliability	Environment	Operating Temperature: 0 °C ~ 50 °C (32 °F ~ 122 °F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
	Grounding Methods	Three-Prong Plug
Certifications	FCC, CE	
Mechanical	Install in a Daisy Chain	Recommend to install less than 3 repeaters in a wireless chain.
	Installation	Plug-In-Socket
	Casing Material	Plastic
	Dimension	129.6×80×48.6 mm 5.1×3.15×1.91 inches
Ordering Information	Retail Package Dimension	161×120×96 mm 6.34×4.72×3.78 inches
	Units per Carton	30
	Carton Dimension	50.4×37.7×34.1 cm 19.84×14.84×13.43 inches

Software Specs

Model Version	RE3600 1.0	
Wireless	Wi-Fi Standards	Wi-Fi 7
	Max Wi-Fi Modulation	4K-QAM
	Wi-Fi Efficiency	• MLO
		• MRU
		• Puncturing
		• OFDMA
		• MU-MIMO
		• BSS Color
	Max Capacity	512
	Recommended Client Upper Limit	50
	Max Wi-Fi Channel Width	160 MHz
	WPS	True
General	Operation Modes	• Access Point
		• Range Extender
	Mesh	Cudy Mesh Satellite
	Mesh Backhaul	• Wireless Backhaul
		• Wired Backhaul
	Multi-Band Backhaul	true
System	LED Control	ture
	Local Control Method	• Config Web Page
		• App Control
	Remote Control Method	App Control

	Firmware Upgrade	• Local Update
		• App (Over the Air)
		• Online Update
	Reliability	• Timed Reboot
		• Backup and Restore
Dashboard	Panel	• Connected Devices
		• Host Network Status
		• Wi-Fi Status
		• LAN Status
		• System Version
System	Diagnostic Tools	• Ping
		• Traceroute
		• NSLookup
		• System Log
	Languages	• English • Bengali • Catalan • Czech • German
		• Greek • Spanish • French • Hebrew • Croatian
		• Hungarian • Italian • Japanese • Khmer • Korean
		• Dutch • Norwegian • Polish • Portuguese
		• Romanian • Russian • Slovak • Swedish
		• Thai • Turkish • Ukrainian • Vietnamese
		• Simplified Chinese • Traditional Chinese
Dashboard	Charts	Mesh Topology
General	Internet Failover Sequence	• Wired
		• Wireless