

cudy

Model: RE3600

AX3600

Mesh Wi-Fi 7 Range Extender

-  3600 Mbps Wi-Fi 7 Speed
-  Works with Any Wi-Fi Router
-  Whole-Home Cudy Mesh Coverage



Wi-Fi 7





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



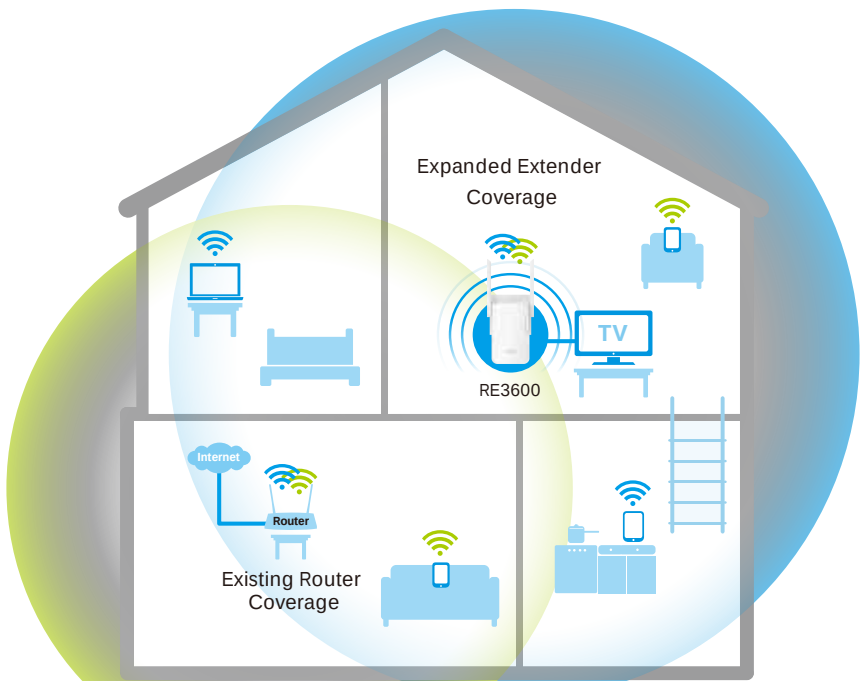
Extend Your Wireless Coverage with Wi-Fi 7

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.

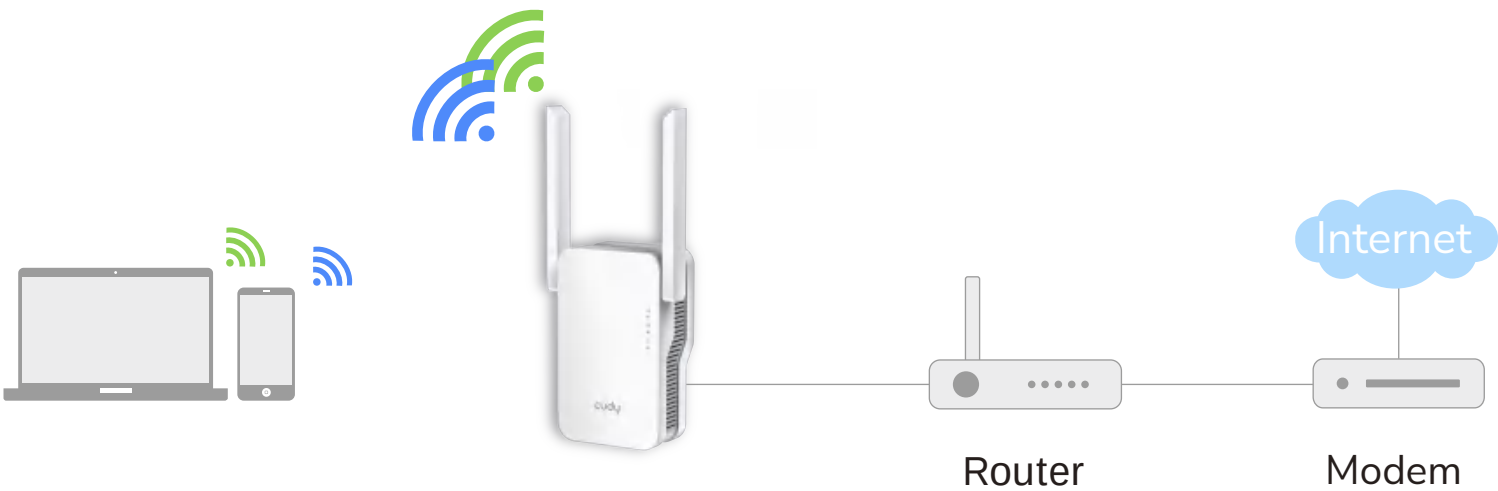


-  2882 Mbps on 5 GHz
-  688 Mbps on 2.4 GHz
-  Ethernet Cable
-  Existing Router Coverage
-  Existing Router Coverage

Wi-Fi Extender Mode



Access Point Mode





Hardware Specs

Model Version	RE3600 2.0	
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	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	2× Fixed
	FEM or PA/LNA	5 GHz: 2× External
		2.4 GHz: 2× Internal
	Range Performance	Max: 150 m (492 ft)
Interfaces	Tested in open-space environments with minimal interference. Actual WiFi range may vary depending on layout and wall materials. Refer to the Wall Performance specifications for placement suggestions.	
	Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thick
	Gigabit RJ45 Ports	1
	LED	Signal Strength
		WPS
		Power
	Physical Buttons	WPS Button
		Reset Button

Power	Power Input Type	AC Plug
	Power Input Note	EU, US, UK, AU plug are available on corresponding region versions
	Power Methods	AC
	Power Input	100V-240V~
Reliability	Environment	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
Certifications	FCC, CE	
Mechanical	Install in a Daisy Chain	Recommend to install less than 3 repeaters in a wireless chain.
	Installation	Plug-In-Socket
	Dimension	129.6×80×48.6 mm
		5.1×3.15×1.91 inches
Package Content	RE3600 Installation Guide	
Ordering Information	Retail Package	161×120×96 mm
	Dimension	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 2.0	
Wireless	Wi-Fi Standards	Wi-Fi 7
Memory/Storage	Max Wi-Fi Modulation	4K-QAM
Wireless	Wi-Fi Efficiency	• MLO
		• MRU
		• Puncturing
		• OFDMA
		• MU-MIMO
		• BSS Color
	Max Capacity	128
	Recommended Client	50
	Wi-Fi Channel Width	Auto/20/40/80/160 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
WPS	✓	
General	Operation Modes	• Access Point
		• Range Extender
	Mesh	Cudy Mesh Satellite
	Mesh Backhaul	• Wireless Backhaul
		• Wired Backhaul
Multi-Band Backhaul	✓	
System	LED Control	✓
	Local Control Method	Config Web Page

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