




cudy

Model: **RE3600**

# BE3600

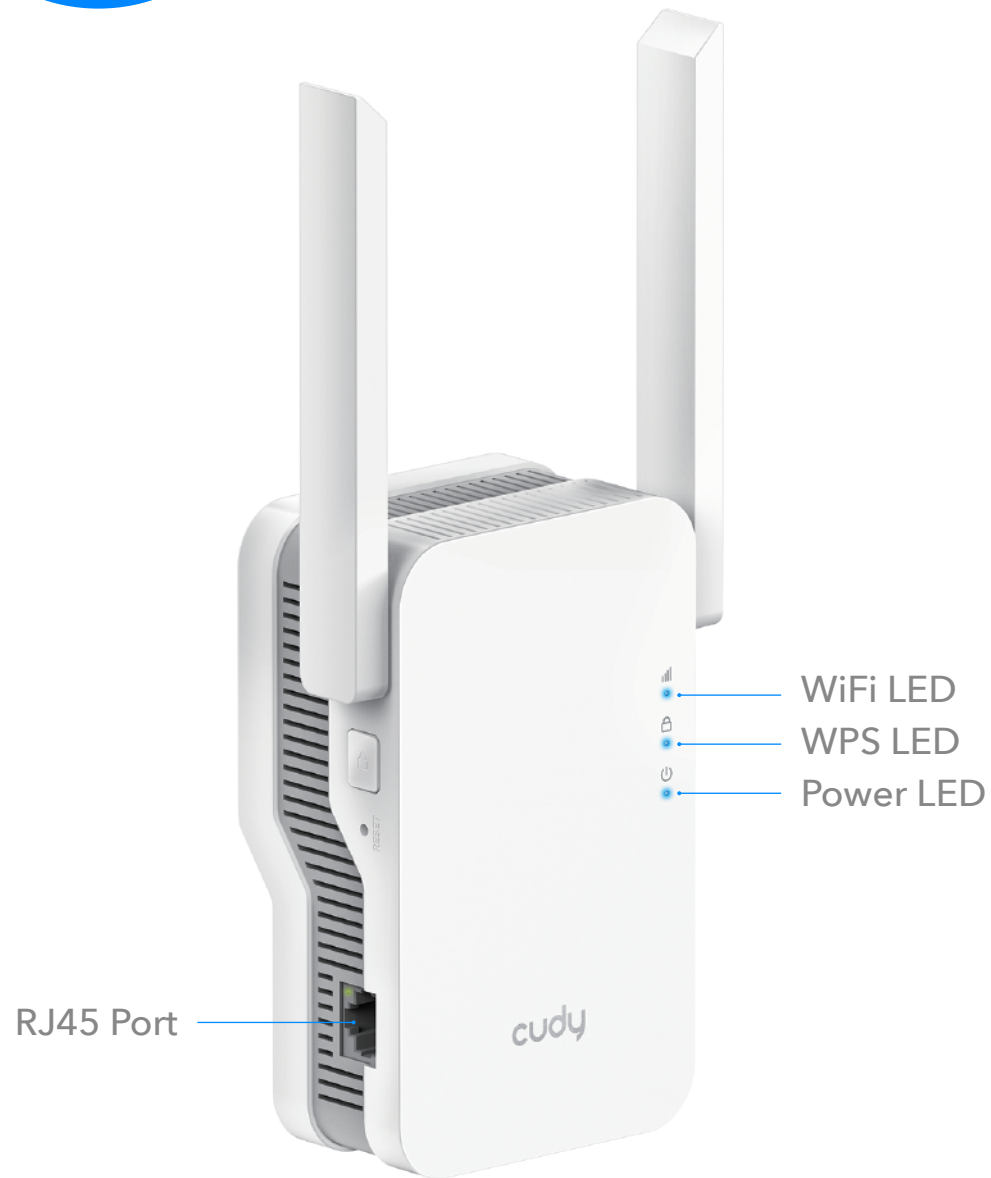
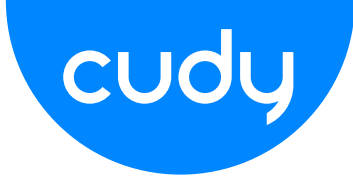
Mesh Wi-Fi 7 Range Extender

-  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



## 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





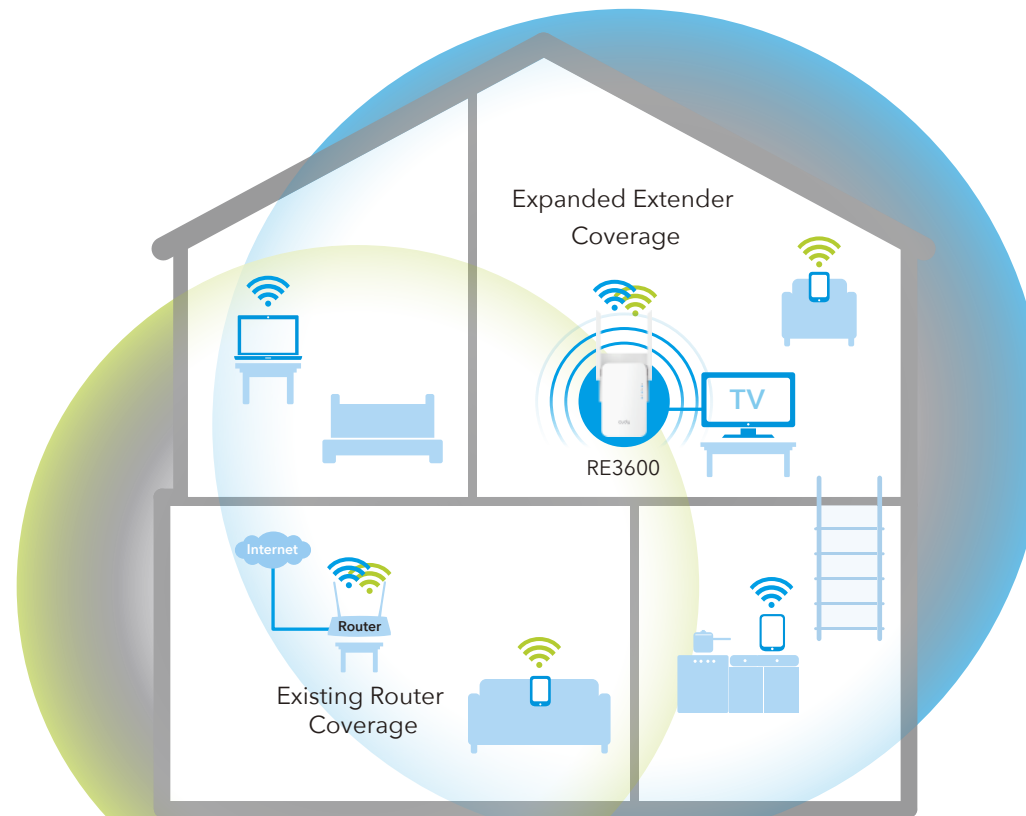
# Extend Your Wireless Coverage with Wi-Fi 7

## 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.

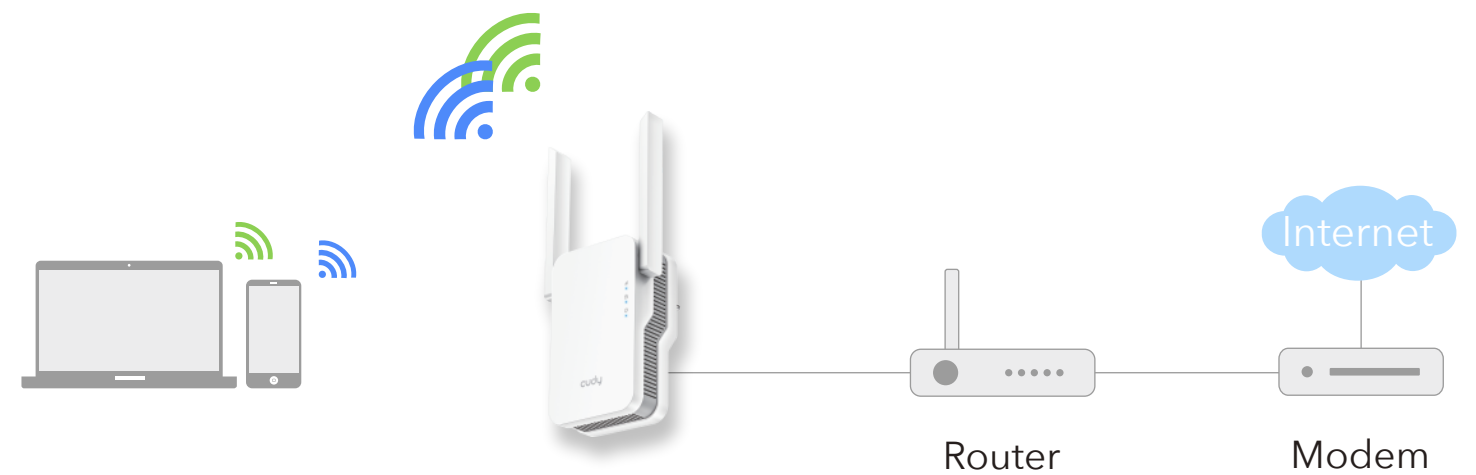


- 2882 Mbps on 5 GHz
- 688 Mbps on 2.4 GHz
- Ethernet Cable
- Existing Router Coverage
- Expanded Extender Coverage

## Wi-Fi Extender Mode



## Access Point Mode





## Hardware Specs

<b>Model Version</b>	RE3600 1.0	
<b>CPU</b>	Chipset	BCM6764
	CPU Details	2.0 GHz Quad-Core, ARM Cortex-A7
<b>Memory/Storage</b>	Flash/ROM	128 MB (1 Gbit) NAND
	DDR/RAM	256 MB (2 Gbit) DDR3
<b>Wireless</b>	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")
<b>Interfaces</b>	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
<b>Power</b>	Power Methods	AC
	AC	100V ~ 240V
<b>Reliability</b>	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
<b>Certifications</b>	FCC, CE	
<b>Mechanical</b>	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
<b>Ordering Information</b>	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

<b>Model Version</b>	RE3600 1.0	
<b>Wireless</b>	Wi-Fi Standards	Wi-Fi 7
	Max Wi-Fi Modulation	4K-QAM
	Wi-Fi Efficiency	<ul style="list-style-type: none"> <li>• MLO</li> <li>• MRU</li> <li>• Puncturing</li> <li>• OFDMA</li> <li>• MU-MIMO</li> <li>• BSS Color</li> </ul>
	Max Capacity	512
	Recommended Client Upper Limit	50
	Max Wi-Fi Channel Width	160 MHz
	WPS	True
	<b>General</b>	Operation Modes
Mesh		Cudy Mesh Satellite
Mesh Backhaul		<ul style="list-style-type: none"> <li>• Wireless Backhaul</li> <li>• Wired Backhaul</li> </ul>
Multi-Band Backhaul		true
<b>System</b>	LED Control	ture
	Local Control Method	<ul style="list-style-type: none"> <li>• Config Web Page</li> <li>• App Control</li> </ul>
	Remote Control Method	App Control

	Firmware Upgrade	<ul style="list-style-type: none"> <li>• Local Update</li> <li>• App (Over the Air)</li> <li>• Online Update</li> </ul>
	Reliability	<ul style="list-style-type: none"> <li>• Timed Reboot</li> <li>• Backup and Restore</li> </ul>
<b>Dashboard</b>	Panel	<ul style="list-style-type: none"> <li>• Connected Devices</li> <li>• Host Network Status</li> <li>• Wi-Fi Status</li> <li>• LAN Status</li> <li>• System Version</li> </ul>
<b>System</b>	Diagnostic Tools	<ul style="list-style-type: none"> <li>• Ping</li> <li>• Traceroute</li> <li>• NSLookup</li> <li>• System Log</li> </ul>
	Languages	<ul style="list-style-type: none"> <li>• English • Bengali • Catalan • Czech • German</li> <li>• Greek • Spanish • French • Hebrew • Croatian</li> <li>• Hungarian • Italian • Japanese • Khmer • Korean</li> <li>• Dutch • Norwegian • Polish • Portuguese</li> <li>• Romanian • Russian • Slovak • Swedish</li> <li>• Thai • Turkish • Ukrainian • Vietnamese</li> <li>• Simplified Chinese • Traditional Chinese</li> </ul>
<b>Dashboard</b>	Charts	Mesh Topology
<b>General</b>	Internet Failover	<ul style="list-style-type: none"> <li>• Wired</li> </ul>
	Sequence	<ul style="list-style-type: none"> <li>• Wireless</li> </ul>