

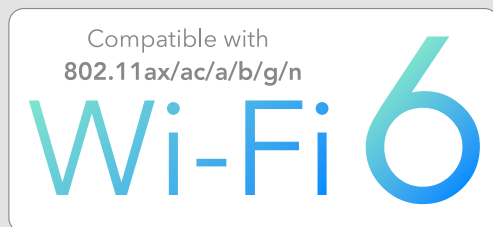
cudy



Model: RE1500

AX1500

Mesh Wi-Fi 6 Range Extender



-  AX1500 Dual-Band Wi-Fi Expansion
-  Works with Any Wi-Fi Router or Gateway
-  10/100 Mbps Ethernet Port

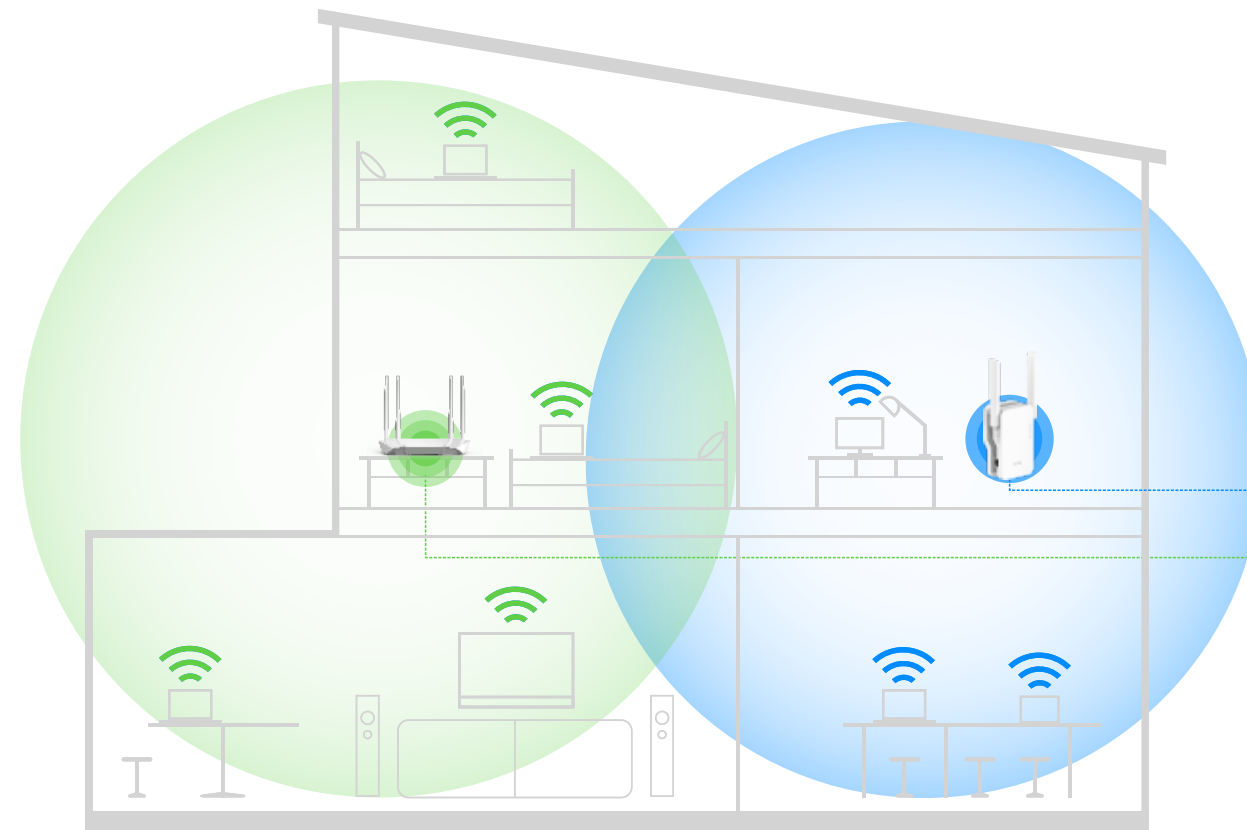


Features

- 2.4 GHz 300Mbps+5 GHz 1201 Mbps Wi-Fi Speed
- Work with any standard router or gateway
- Easily expand wireless coverage at a push of the WPS button
- 10/100 Mbps RJ45 port to connect wired devices
- External antennas for faster and more reliable Wi-Fi
- 3-in-1 Wi-Fi Extender / Access Point / Add-On mesh
- Easy Setup Assistant with multi-language support

Package Content

- RE1500
- Installation Guide



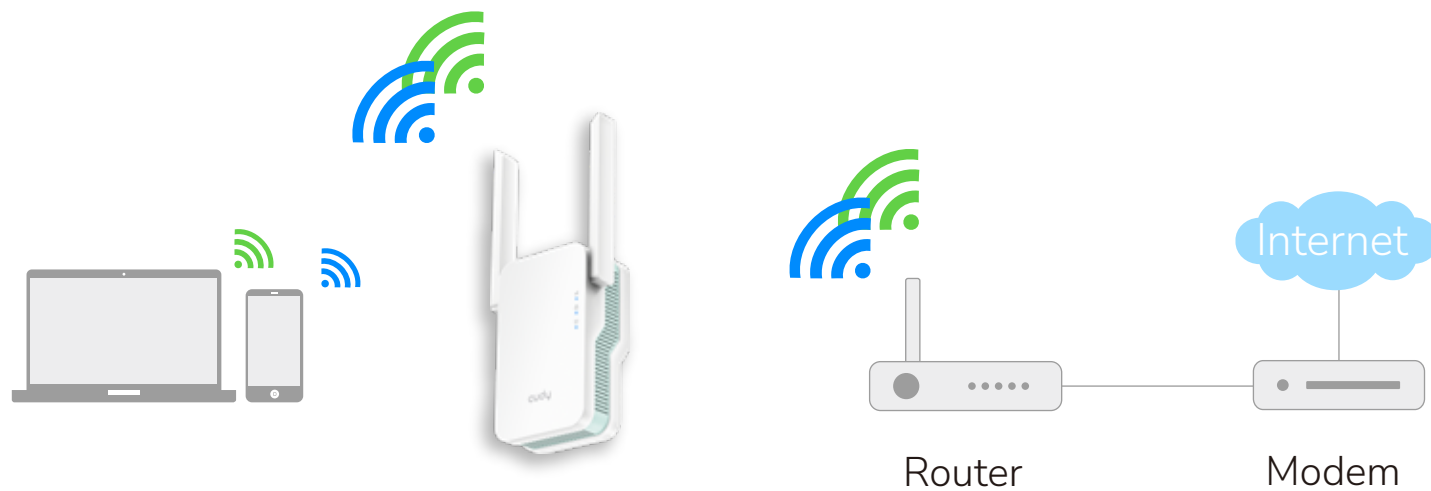
WiFi Range Extender

Boosts the range of your existing WiFi and creates a stronger signal in hard-to-reach areas

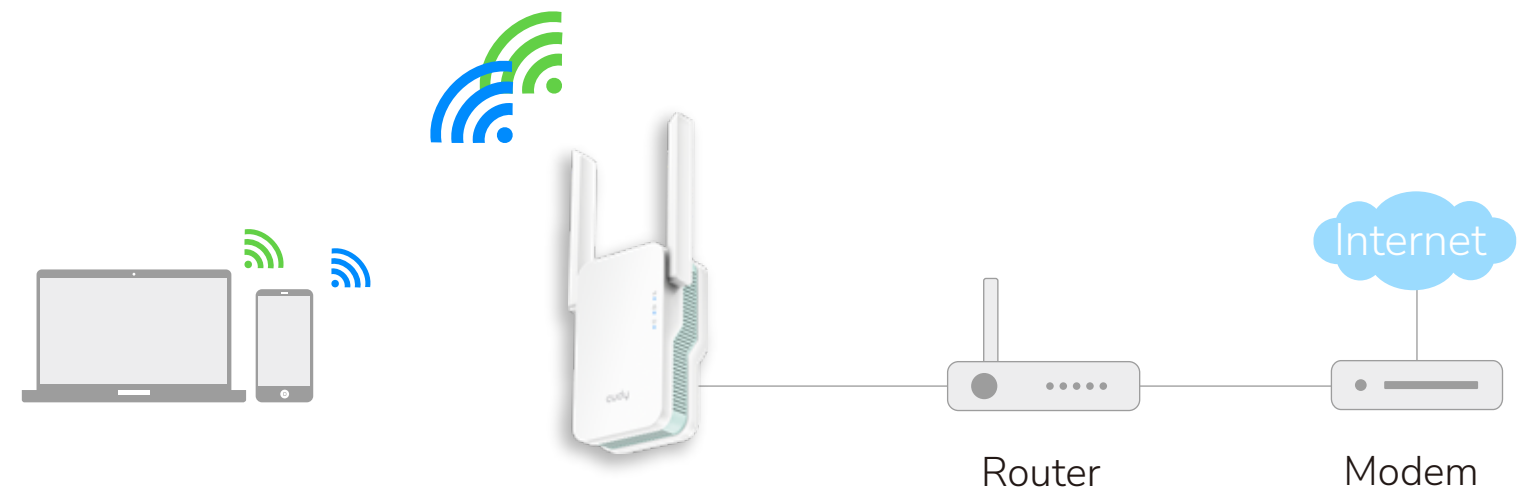
Existing WiFi

Sometimes your router does not provide the WiFi coverage you need

Wi-Fi Extender Mode

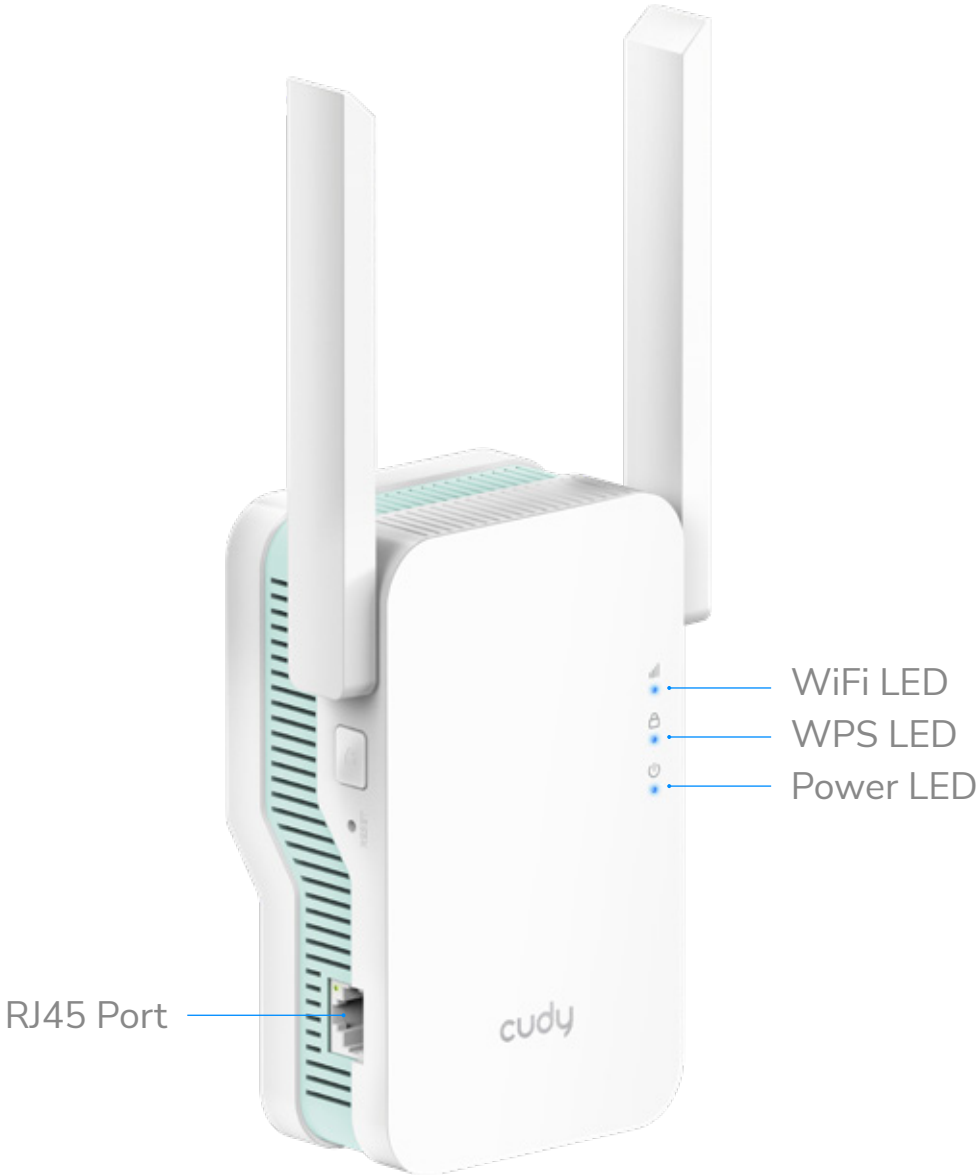


Access Point Mode



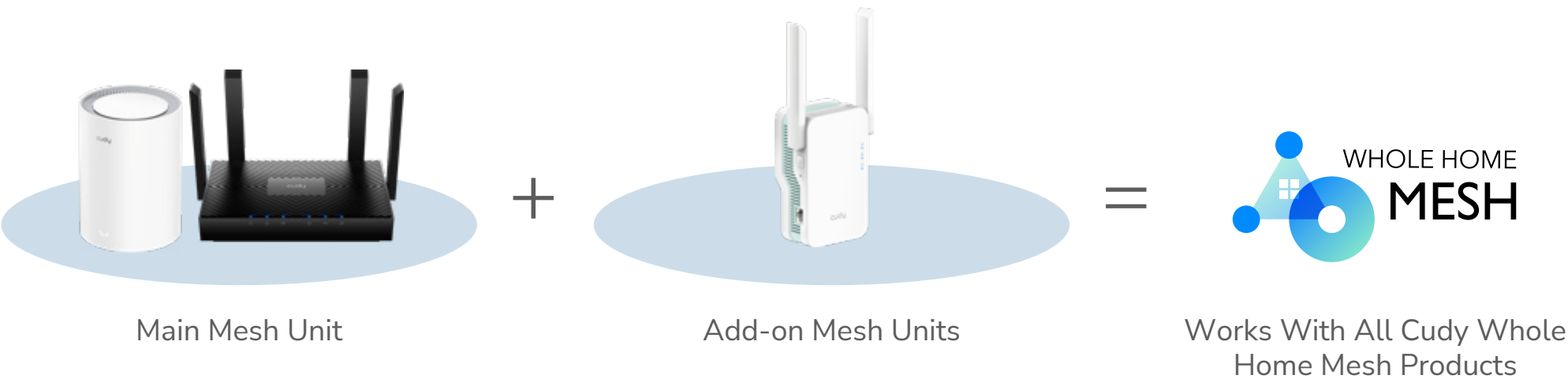


Say Goodbye to Dead Spots and Buffering



Enjoy Cudy Whole Home Mesh Wi-Fi System

4K 5GHz 1201 Mbps
2.4GHz 300 Mbps





Hardware Specs

CPU	Chipset	RTL8197H+RTL8832BR
	CPU Details	1 GHz Single-Core CPU
Memory/Storage	Flash/ROM	16 MB (128 Mbit) NOR
	DDR/RAM	128 MB (1 Gbit) DDR3
Wireless	5 GHz Wi-Fi Speed	1201 Mbps
	2.4 GHz Wi-Fi Speed	300 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
	2.4 GHz Antenna Gain Max	3.49dBi
	5 GHz Antenna Gain Max	6.24dBi
	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	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7")

Interfaces	10/100 Mbps RJ45 Ports	1
	LED	Signal Strength
		WPS
		Power
	Physical Buttons	WPS Button Reset Button
Power	Power Input	AC Plug
	Power Input Note	EU, US, UK Plug are Available
	Power Methods	AC
	AC	100V ~ 240V
	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	



Hardware Specs

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

Wireless	Wi-Fi Standards	Wi-Fi 6
	Max Wi-Fi Modulation	1024-QAM
	Max Capacity	128
	Recommended Client Upper Limit	30
	Max Wi-Fi Channel Width	80 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
General	WPS	True
	Operation Modes	Access Point
		Range Extender
	Mesh	Cudy Mesh Satellite
	Mesh Backhaul	Wireless Backhaul
		Wired Backhaul
System	Multi-Band Backhaul	true
	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



Software Specs

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