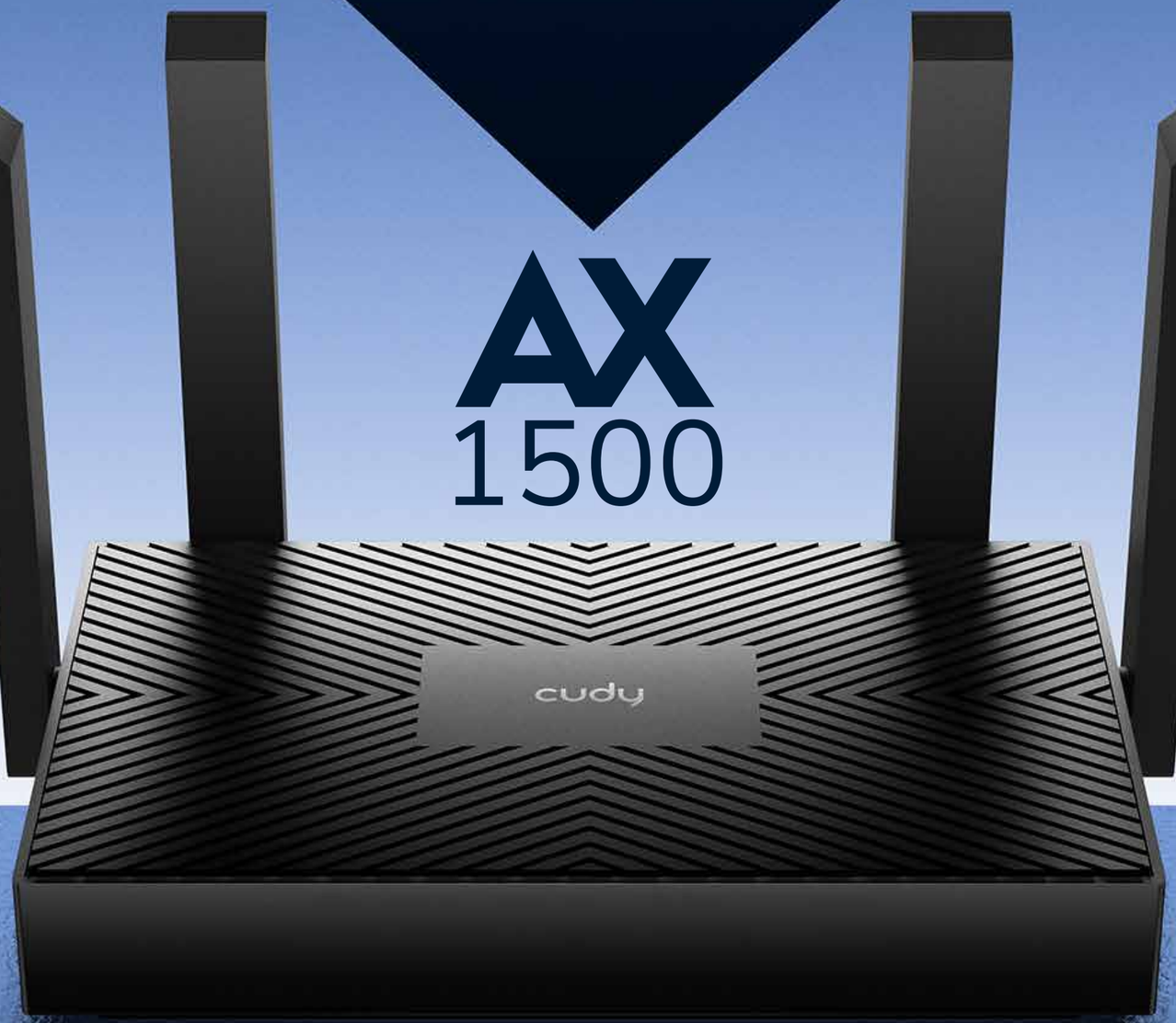
cudy

WHOLE HOME MESH
Expandable Seamless Coverage

Compatible with
802.11ax/ac/a/b/g/n
Wi-Fi 6

AX 1500



AX1500 Gigabit Wi-Fi 6 Router

WR1500

Datasheet

cudy

Wi-Fi6
Next Generation WiFi 6

1000M
Ethernet Ports

AX1500
Super-Fast WiFi Speed

Dual-Band

MU-MIMO

Wi-Fi 6 - The Most Powerful Wi-Fi Ever

4X
more capacity



38%
faster with Gigabit Wi-Fi

Wi-Fi 6 / 5 GHz 1201 Mbps

Wi-Fi 5 / 5 GHz 867 Mbps

100%
backwards compatibility

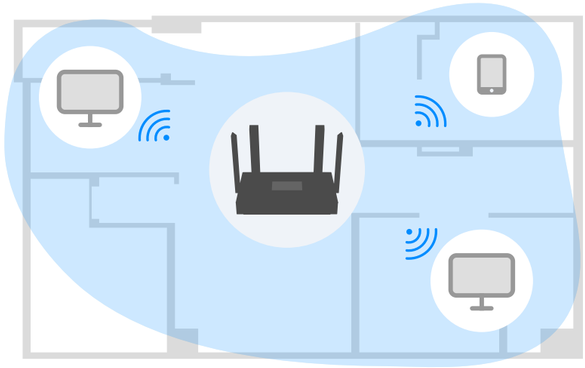


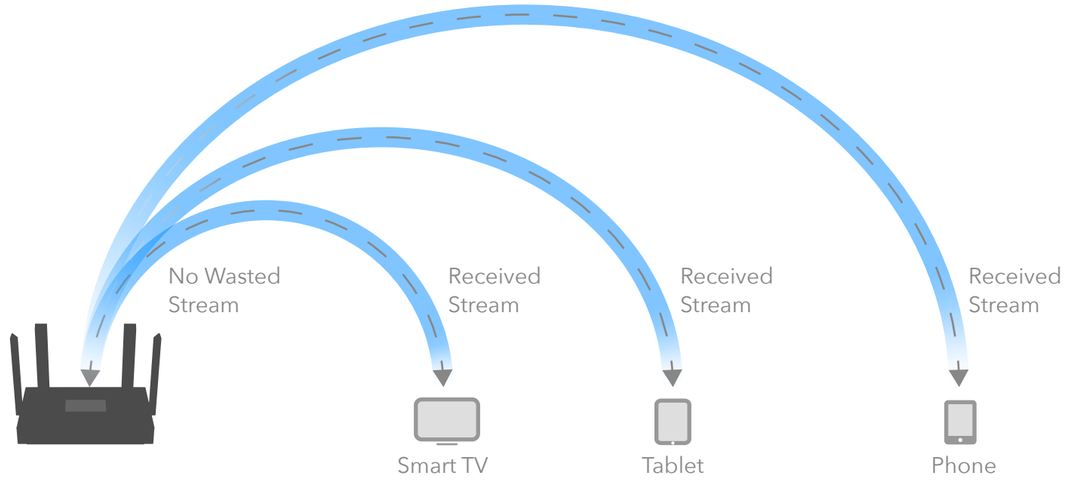


Up to 1.5 Gbps Wi-Fi 6 Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi 6 Speed.

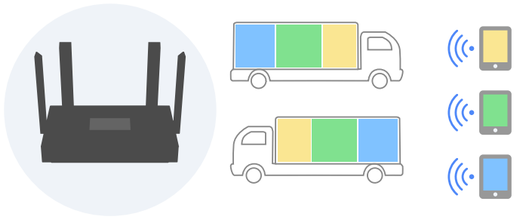
Features

Extensive Coverage: Beamforming, and four antennas combine to deliver focused reception to devices far away.

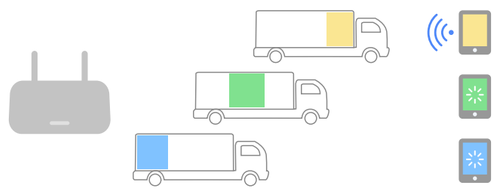




MU-MIMO



OFDMA



Without OFDMA

More Devices: Wi-Fi 6 uses OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.

Highlight

- Super-Fast AX1500 Wi-Fi 6
- 4× 10/100/1000 Mbps Ethernet Ports
- 4× External High-Gain Antennas
- OFDMA, Beamforming, and MU-MIMO
- Support Cudy Mesh for seamless coverage
- Cudy App - Easy management from anywhere, anytime

Hardware Features

Chipset	RTL8197
Antennas	4× Fixed Omni-Directional Antennas
Ethernet Ports	1× 10/100/1000 Mbps WAN Port
	3× 10/100/1000 Mbps LAN Ports
Buttons	WPS Button, Reset Button
Power Supply	12 V / 1A
Dimensions (W×D×H)	Router: 200×117×35 mm (31.11×18.13×5.45 inches)
	Antenna: 7×9×123 mm each (0.08×0.04×0.75 inches)

Wireless Features

Wireless Standards	IEEE 802.11ax/ac/n/a 5 GHz
	IEEE 802.11n/b/g 2.4 GHz
Wireless Frequency	5 GHz, 2.4 GHz
Signal Rate	1201 Mbps (5 GHz), 300 Mbps (2.4 GHz)
	Compatible with 802.11ax/ac/n/g/b/a Wi-Fi standards
Transmit Power	CE: <20 dBm(2.4 GHz), <23 dBm(5.15 GHz~5.25 GHz)
	FCC: <30 dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
Wireless Modes	Enable/Disable Wireless Radio, WMM
Wireless Security	WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3
Other Features	OFDMA, MU-MIMO, Beamforming, Cudy Mesh

Software Features

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Support
NAT	Port Forwarding, UPnP, DMZ
Working Mode	Wi-Fi Router/ Wireless Access Point
Internet Protocols	IPv4/IPv6

Others

Package Contents	AX1500 Wi-Fi 6 Router
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System Requirements	Systems with wireless or wired network connectivity
	Latest web browser, such as Edge, Firefox, Chrome, or Safari
	Internet access subscription with ISP