cudy

WHOLE HOME
MESH

Model: M1300

AC1200

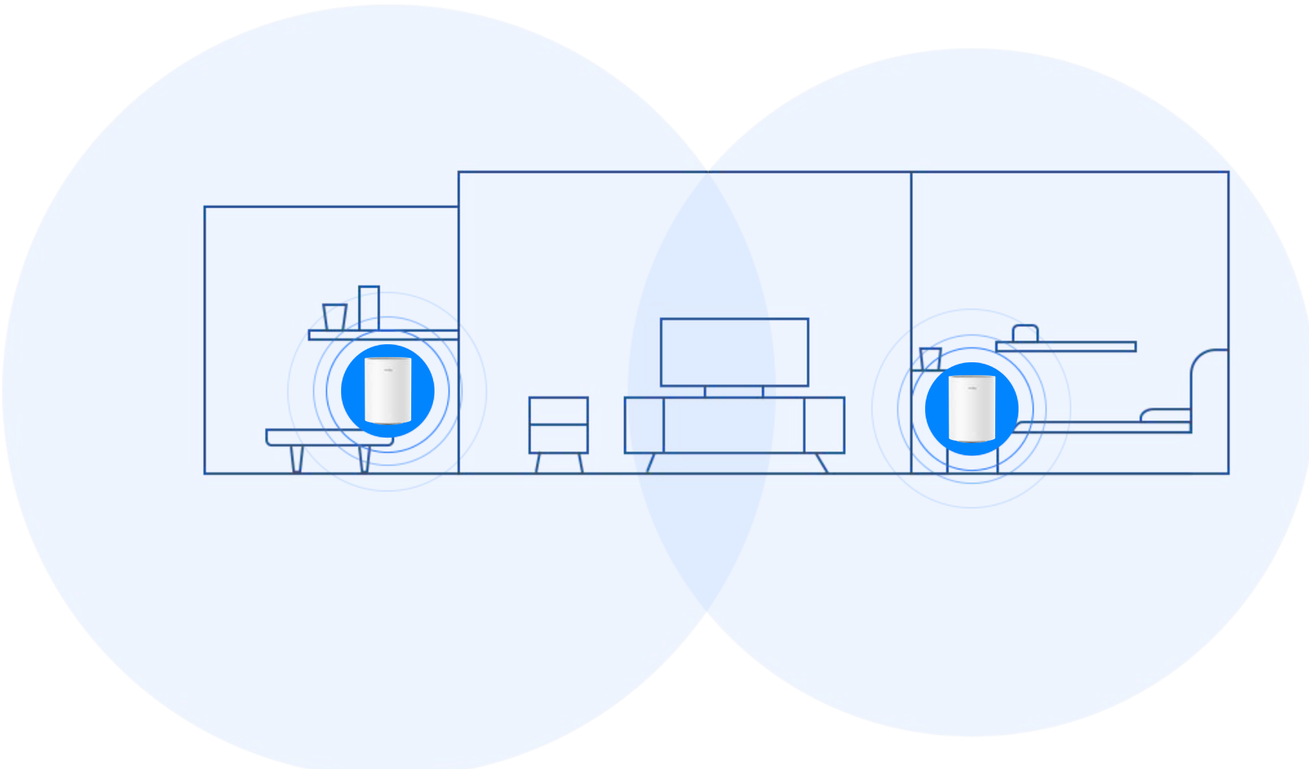
Whole Home Mesh Wi-Fi System

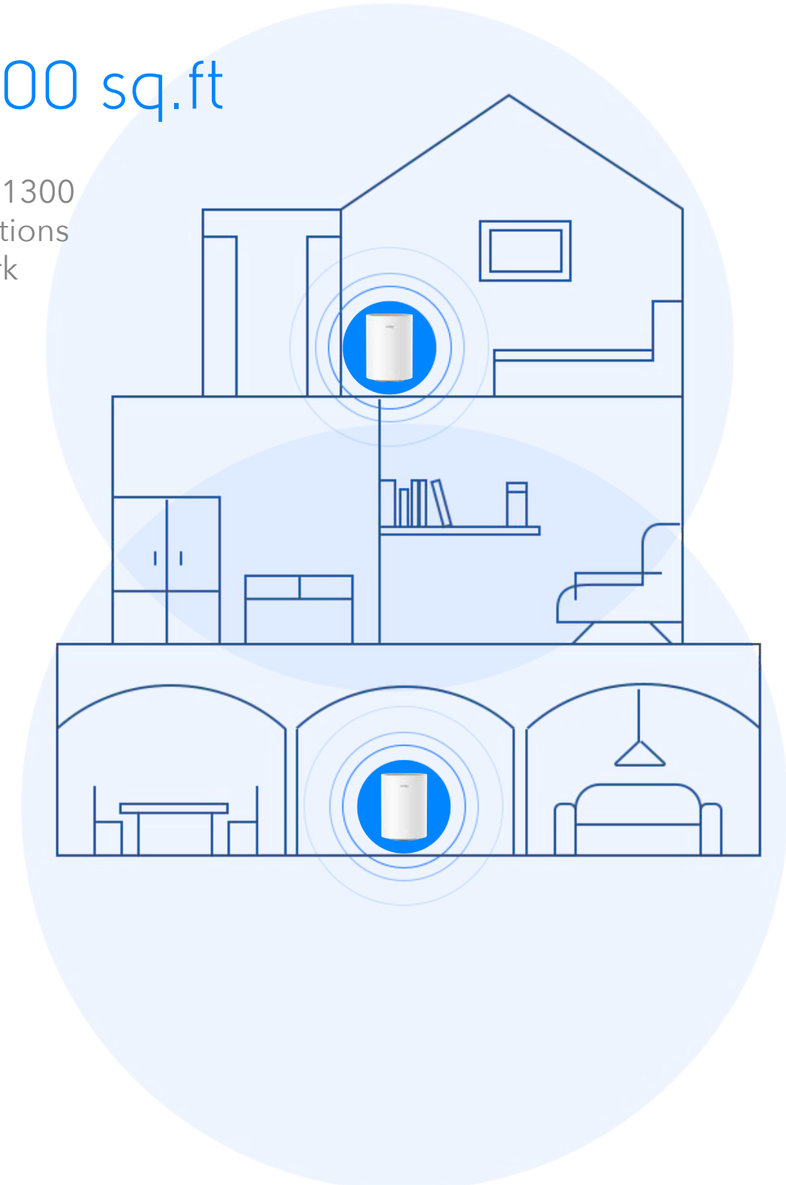
- Enhanced Whole Home Coverage
- Seamless Roaming
- Up to 1.2Gbps Wi-Fi Speed
- Powerful Dual-Core Processor
- VPN Server and VPN Client Support

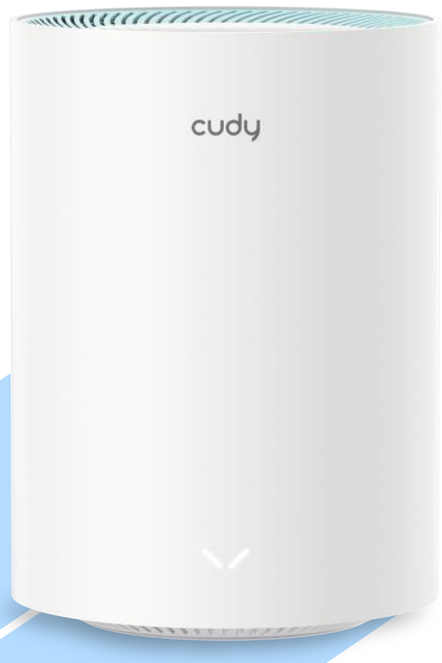
Datasheet

AC1200 Whole Home Mesh Covers Up to 4,500 sq.ft

With stronger and more efficient signals enhanced by Cudy Whole Home Mesh technology, M1300 (3-Pack) boosts broader whole home Wi-Fi coverage with great performance. Wireless connections and optional Ethernet backhaul work together to link mesh units, providing even faster network speeds and truly seamless coverage. Want more coverage? Simply add another one.





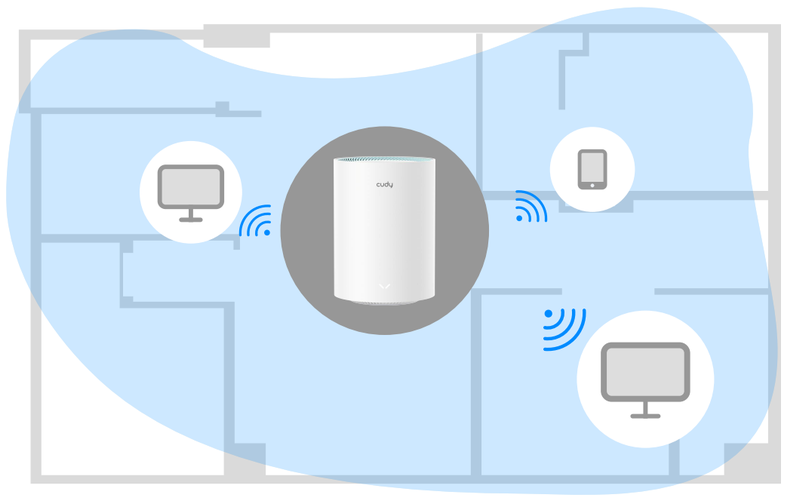


867 Mbps (5 GHz)

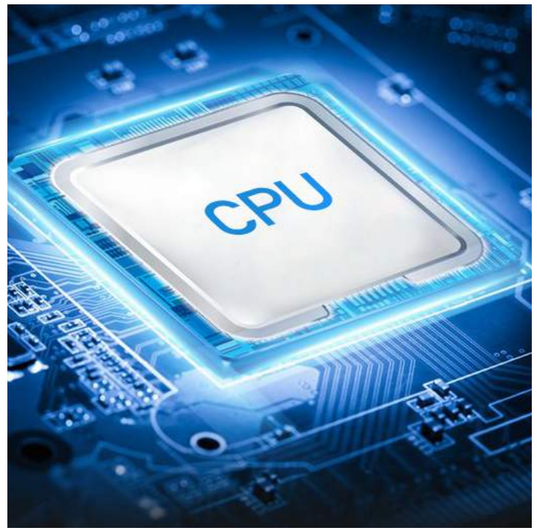
300 Mbps (2.4 GHz)

Up to 1.2Gbps Wi-Fi Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi Speed.

Features



Hardware



Powerful Dual-Core Processor

Powerful Dual-Core CPU ensures smooth 4K UHD streaming to Smart TVs, mobile devices and gaming consoles without buffering.

128Mbit Flash

+

1Gbit DDR

128Mbit Flash + 1Gbit DDR

128Mbit flash design makes the router stable and reliable , ensuring the continuous operation of the system, and provides more space for the file system.

Built-in 1Gbit DDR makes the product run faster and provides more possibilities for function expansion.

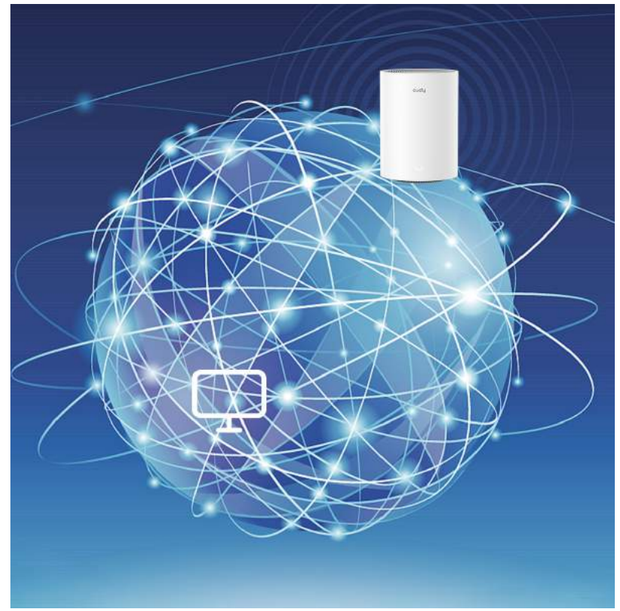
Gigabit Ports

Featured with 10/100/1000Mbps ports, greatly expands your network capacity, enabling instant large files transferring.

Software

VPN

With built-in VPN, this router can easily establish a connection to VPN Server to transport all your online data and traffic, securing it with its encryption at the same time.



DDNS

By assigning a custom domain name to your home router's IP address, DDNS function will update automatically as your home IP continues to change. Compatible with 15 more DDNS providers.

Guest Network

Guest Network separate guest access from your family network. Maintain high security across your network to help ensure your privacy is safe while online.

Specifications

- Up to 1.2Gbps Wi-Fi Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi Speed.
- Powerful Dual-Core Processor: Powerful Dual-Core CPU ensures smooth 4K UHD streaming to Smart TVs, mobile devices and gaming consoles without buffering.
- Extensive Coverage: Beamforming and four antennas combine to deliver focused reception to devices far away.
- Pre-installed VPN. With built-in VPN, this router can easily establish a connection to VPN Server to transport all your online data and traffic, securing it with its encryption at the same time.
- Dynamic DNS: DDNS function solves the issue of changing residential IP addresses. By assigning a custom domain name to your home router's IP address, DDNS function will update automatically as your home IP continues to change. Compatible with 15 more DDNS providers.

Hardware Features

Processor	Dual-Core Processors
Flash	128Mbit (16MB)
DDR	1Gbit (128MB)
Antenna	Internal Omni-Directional Antennas
Interface	1× 10/100/1000 Mbps WAN Port
	1× 10/100/1000 Mbps LAN Ports
Button	Pair Button, Reset Button
External Power Supply	12 V / 1 A

Wireless Features

Wireless Standards	IEEE 802.11ac/n/a 5 GHz
	IEEE 802.11n/b/g 2.4 GHz
Frequency	5 GHz, 2.4 GHz
Signal Rate	867 Mbps (5 GHz), 300 Mbps (2.4 GHz)
	Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Transmit Power	CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz)
	FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
Wireless Modes	Enable/Disable Wireless Radio, WMM
	WEP, WPA/WPA2,
Wireless Functions	WPA-PSK/WPA2-PSK

Software Features

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Compatible with 15 more DDNS providers.
Guest Network	2.4 GHz guest network × 1
	5 GHz guest network × 1
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
VPN Sever & Client	PPTP/L2TP/OpenVPN/WireGuard/IPSec/Zerotier
Working Mode	Wi-Fi Router/ Wireless Access Point/Wi-Fi Extender/ WISP
CWMP Protocol	TR069 / TR098 / TR111 / TR181
ACS Server Compatibility	GenieACS, OpenACS
Management	Access Control, Local Management,
	Remote Management, Wake on LAN
TTL	Extend/Spoof/Custom
DNS	Cloudflare/Google/NextDNS/Custom
VLAN	Tag VLAN / IPTV
Internet Protocols	IPv4 / IPv6
IPv6	Relay
	Dynamic(SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	MAP-E (Dual-stack)
	DS-Lite (Dual-stack)

Others

Package Contents	3-Pack AC1200 Mesh Router
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System Requirements	Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10/11,
	MAC OS, NetWare, UNIX or Linux
	Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other
	Java-enabled browser
	Cable or DSL Modem
	Subscription with an internet service provider (for internet access)