

cudy



Model: M1300

# AC1200

## Gigabit Whole Home Mesh Wi-Fi System

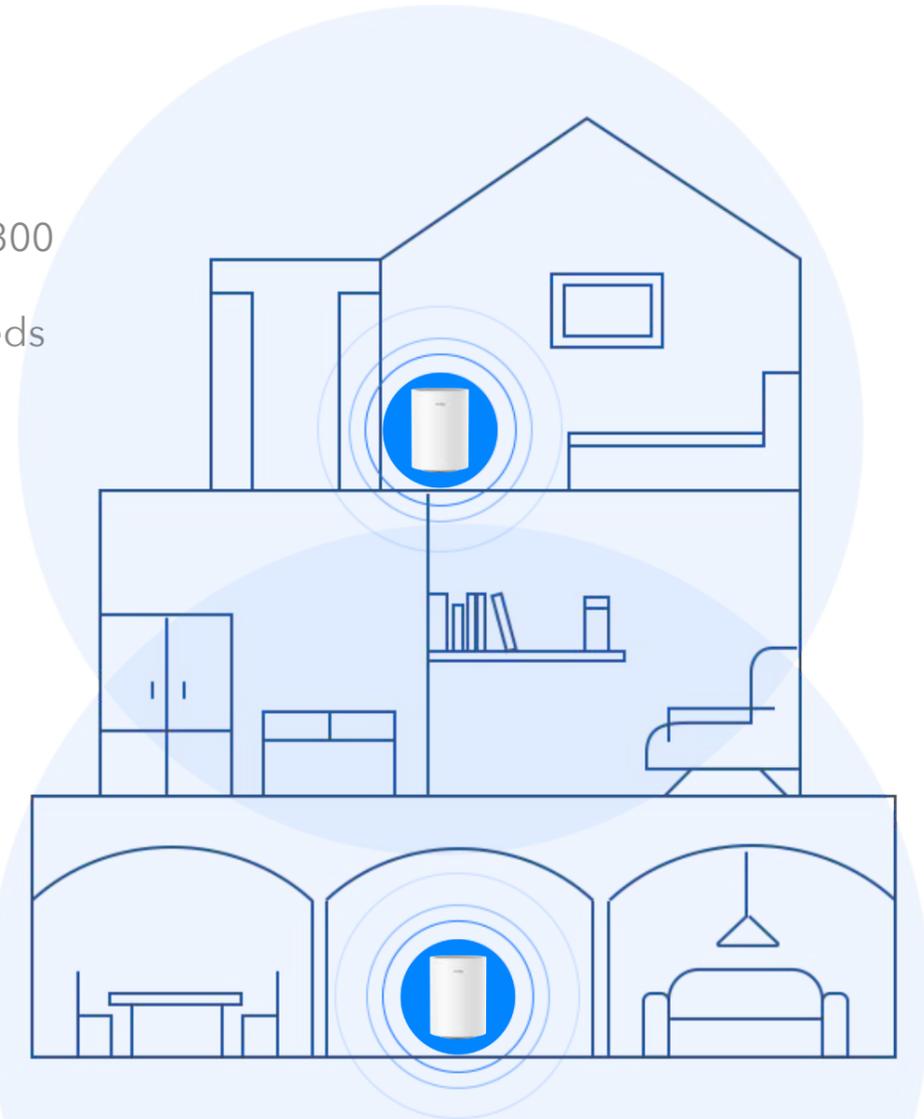
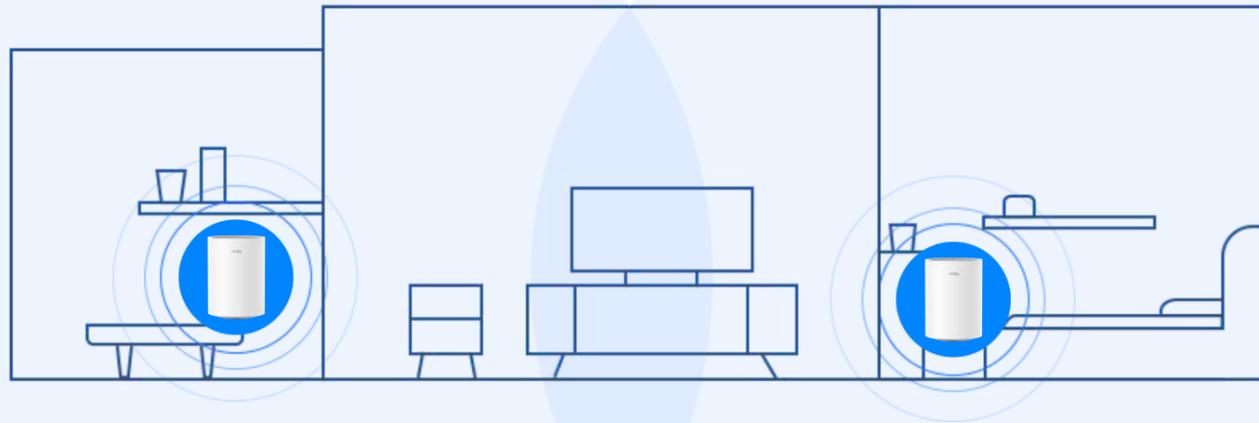


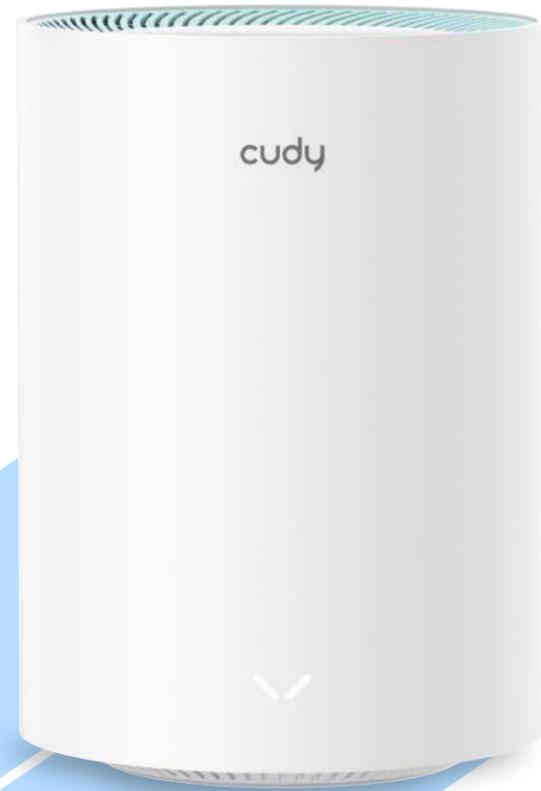
-  Enhanced Whole Home Coverage
-  Seamless Roaming
-  Up to 1.2 Gbps Wi-Fi Speed
-  Powerful Dual-Core Processor
-  VPN Server and VPN Client

[Datasheet](#)

## Whole Home Mesh, Dead Zone Killer

With stronger and more efficient signals enhanced by Cudy Whole Home Mesh technology, M1300 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.



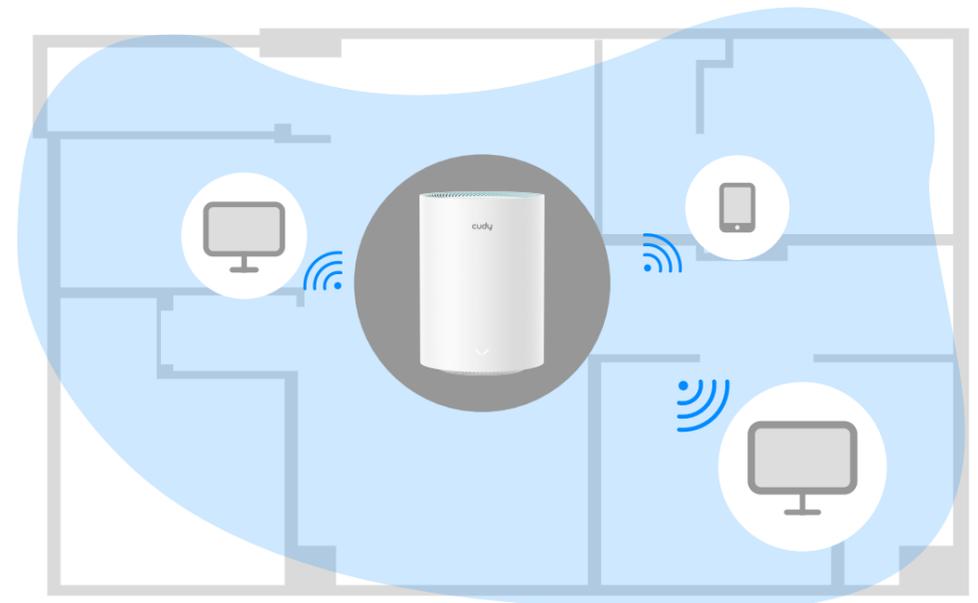


867 Mbps (5 GHz)

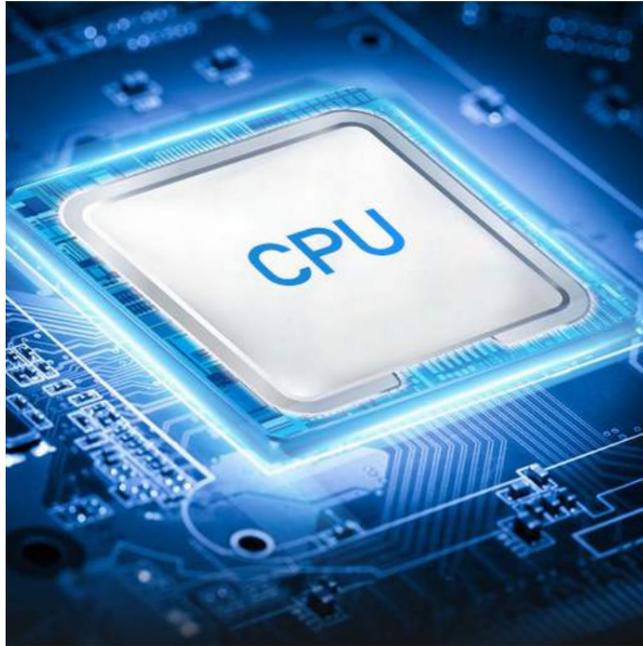
300 Mbps (2.4 GHz)

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.

128 Mbit  
Flash

+

1 Gbit  
DDR

### 128 Mbit Flash + 1 Gbit DDR

128 Mbit 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 1.2 Gbps Wi-Fi Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi Speed.
- Powerful Dual-Core Processor: Powerful dual-core CPU ensures delivers 4K UHD streaming to Smart TVs, mobile devices and gaming consoles while minimizing the 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 Processor
Flash	128 Mbit (16 MB)
DDR	1 Gbit (128 MB)
Antennas	Four Internal Omni-Directional Antennas
Interfaces	1× 10/100/1000 Mbps WAN Port 1× 10/100/1000 Mbps LAN Port
Buttons	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
Wireless Encryptions	WPA-PSK, WPA2-PSK, 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 Modes	Mesh/Wi-Fi Router/AP/RE/WISP
CWMP Protocols	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/Quad9/Custom
Internet Protocols	IPv4 / IPv6
IPv6	Relay Dynamic(SLAAC/DHCPv6) Static (Fixed IP) Passthrough MAP-E (Dual-stack) DS-Lite (Dual-stack)

## Others

Package	AC1200 Gigabit Mesh Wi-Fi Unit(s)
Content	Power Adapter(s) RJ45 Ethernet Cable(s) Quick Installation Guide
Environmental Requirements	Operating Temperature: 0 °C ~ 40 °C (32 °F ~ 104 °F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
System Requirements	Windows, macOS, Android, iOS, or other OS with networking capability Firefox, Chrome, Safari, Edge, or other up-to-date web browsers Cable/DSL/ONT modem or other internet source devices Internet subscription with ISP or carriers

## Versions

Pack	M1300 3-Pack, Suitable for ~400 m <sup>2</sup> coverage demand M1300 2-Pack, Suitable for ~300 m <sup>2</sup> coverage demand M1300 1-Pack Actual coverage varies depending on the environmental factors especially the made of the walls, the layout of the house. Please contact local resellers or distributors for available versions.
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