






Model: M2100

# AC2100

## Whole Home Mesh WiFi System

-  Enhanced Whole Home Coverage
-  Seamless Roaming
-  Up to 2.1Gbps Wi-Fi Speed
-  Powerful Dual-Core Processor
-  VPN Server and VPN Client Support

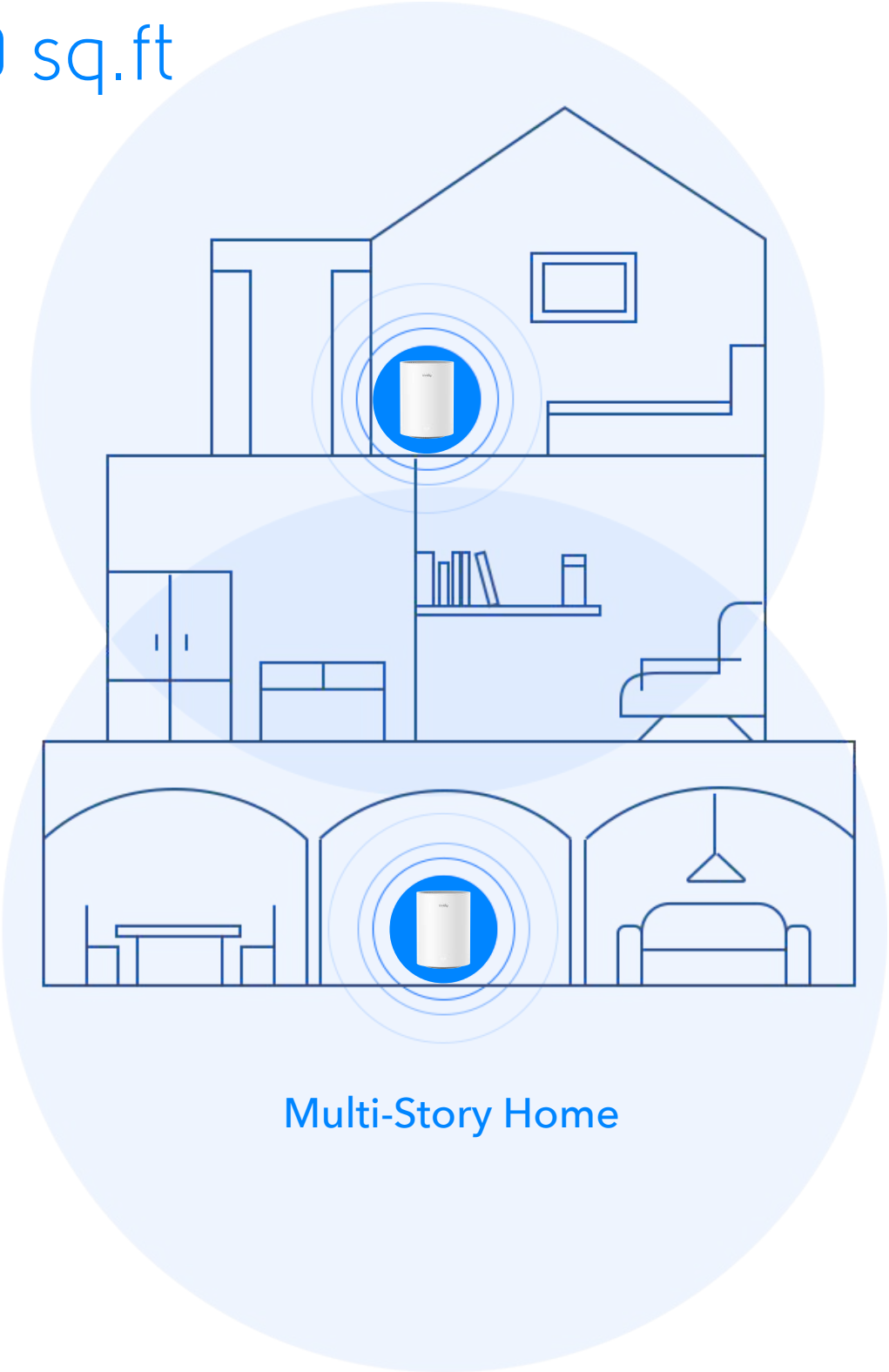
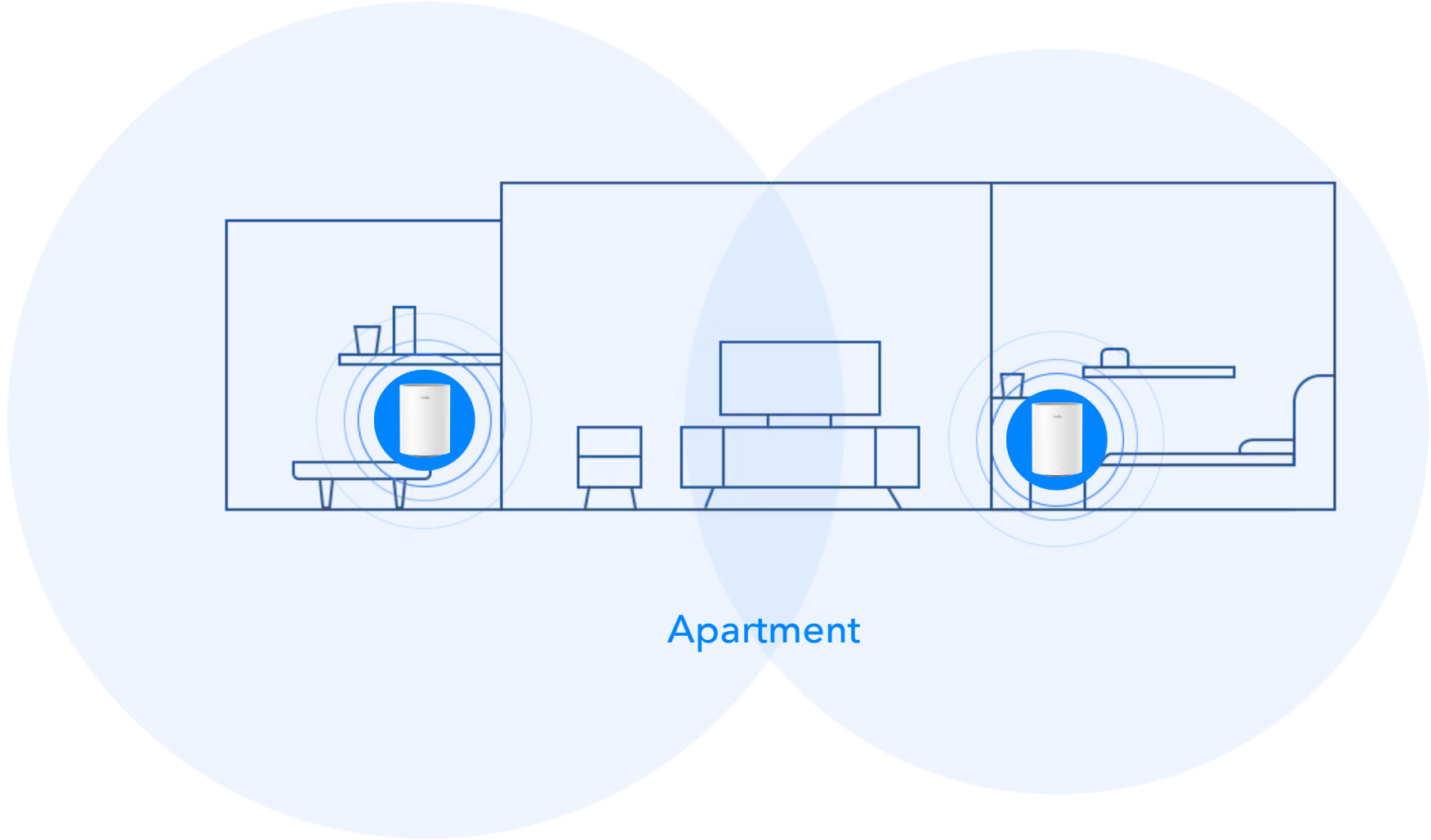
[Datasheet](#)

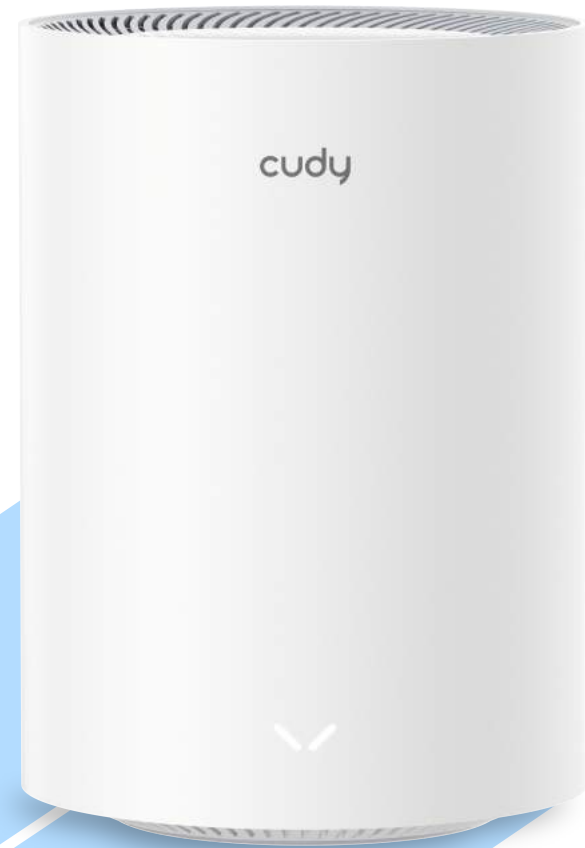
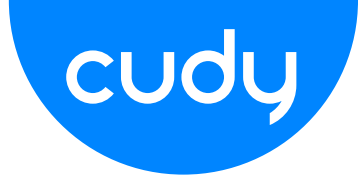




# AC2100 Whole Home Mesh Covers Up to 4,000 sq.ft

With stronger and more efficient signals enhanced by Beamforming and MU-MIMO, M2100 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.

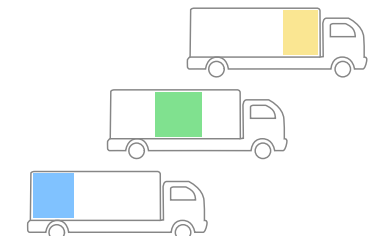




1733 Mbps (5 GHz)

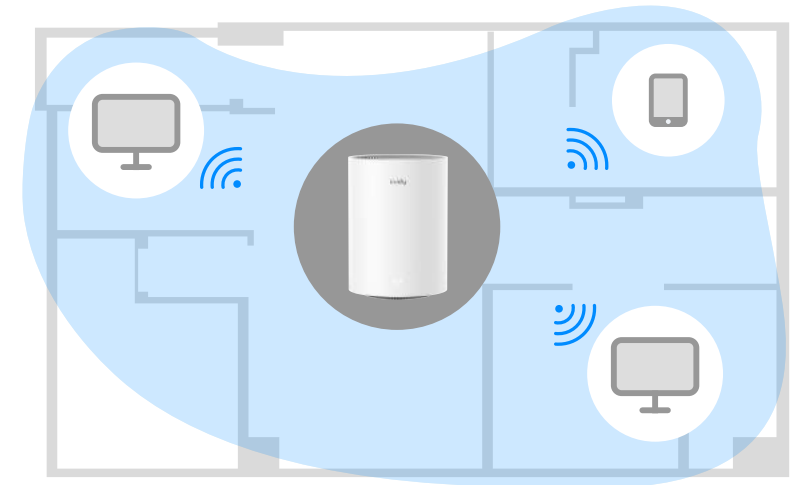
300 Mbps (2.4 GHz)

Up to 2.1Gbps Wi-Fi Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi Speed.



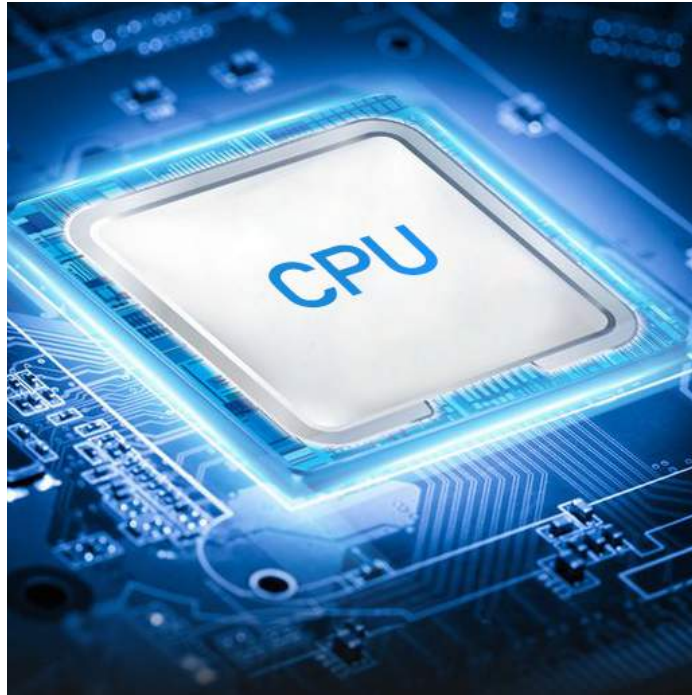
More Devices: Uses OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.

## Features



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

## 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 2.1Gbps 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.
- Improved Capacity: Uses OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.
- 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	4× 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 / 1.5 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	1733 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 Functions	WPA/WPA2,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/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	2-Pack AC2100 Mesh Router
Contents	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
Operation Temperature	0° C to +45° C
Storage Temperature	-40° C to +70° C
Relative Humidity	5% to 95% Non-Cond