

AC1200 Mesh Wi-Fi System

NC-M1200



Features

- Complies with the next generation IEEE 802.11ac Wi-Fi standard.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Smart Mesh networking.
- Supports multiple devices extension for wide Wi-Fi coverage.
- Wireless roaming helps users auto switch to stronger signal source.
- Next-GEN MU-MIMO technology improves user experience comprehensively.
- Intelligent Beam-forming delivers highly targeted and efficient Wi-Fi connection.
- Full gigabit WAN and LAN ensures high speed Internet access and wired speed.
- Supports DHCP, Static IP and PPPoE broadband functions.
- QoS: Bandwidth Control based on IP address.

The Expert of Whole Home Coverage

Expanding Network Coverage in a mesh system is much easier than using the traditional combination of “router + extenders”. Simply add our more more mesh unit to the system to boost your Wi-Fi coverage.

185 Square Meter

1 mesh

375 Square Meter

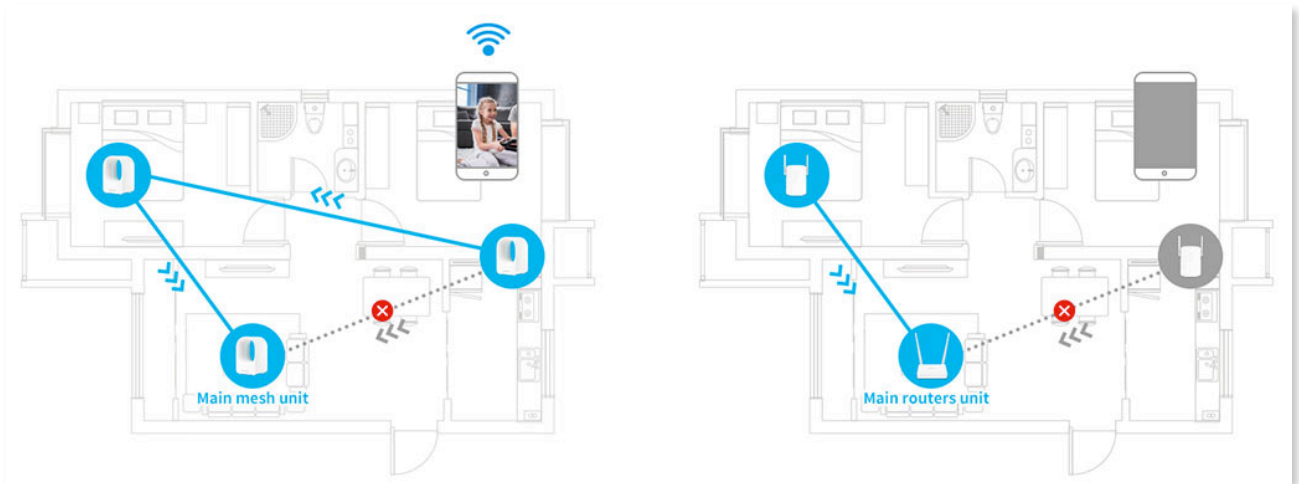
2 mesh

560 Square Meter

3 mesh

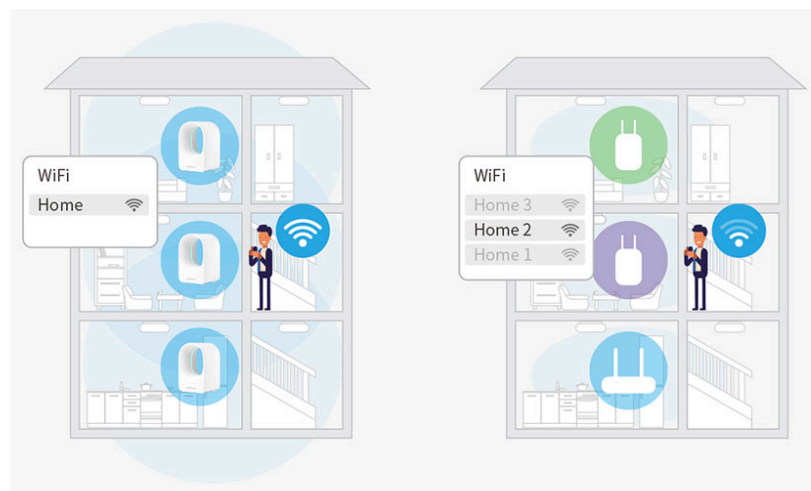
Intelligent Routing between Different Nodes

In a mesh system, a mesh unit can always detect and select the optimal routing from other available mesh units automatically. This, on one hand, ensures outstanding network performance; on the other hand, guarantees the stability of your network.



One Unified Network Throughout the House

All the mesh units make up to one unified network using one universal SSID. This ensures your devices remain connected during handover to the next networking area.



MU-MIMO + Beam-forming = Great Communication Efficiency

MU-MIMO technology enables the mesh to communicate multiple devices simultaneously, effectively improve network communication efficiency. Beam-forming makes it possible to send directly signal. It promises a faster, stronger Wi-Fi signal with longer range for each device.

Easy Mesh Setup

Once you get the mesh unit configured, the other mesh units are just easy “Plug & Play” devices.

Specifications

General	
Wireless Standards	IEEE802.11 a/n/ac, 5GHz IEEE802.11 b/g/n, 2.4GHz
Signal Rate	5GHz: up to 867Mbps 2.4GHz: up to 300Mbps
Operation Frequency	2.4GHz and 5GHz
Basic Features	SSID Broadcast Beam-forming Supports MU-MIMO
Receive Sensitivity	5GHz 11a 6Mbps: -96dBm, 11a 54Mbps: -79dBm 11ac HT20: -71dBm, 11ac HT40: -66dBm, 11ac HT80: -63dBm, 11n HT20: -72dBm, 11n HT40: -71dBm 2.4GHz 11g 54M: -77dBm 11n HT20: -74dBm, 11n HT40: -72dBm
Receive Sensitivity	WPA2-PSK (default)
Wireless Roaming	Comply with IEEE802.11v/r
Hardware	
Interfaces	2 Gigabit Ethernet ports per mesh point WAN and LAN on primary mesh point both act as LAN ports on additional mesh point
Buttons	1 reset button
Power Supply	Input: 100-240V - 50/60Hz, 0.6A Output: DC 12V, 1.5A
Antenna	2*5 dBi dual band antennas
Dimensions (W x D x H)	150 x 100 x 100 mm
Software Features	
Internet Connection Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, Client, DHCP Client List, Address Reservation
Quality of Service	WMM, Bandwidth Control
Port Forwarding	Virtual Server, UPnP
VPN Pass-Through	PPTP, L2TP, IPsec
Access Control	Parental Control, Guest Network, Reset to Factory Settings
Firewall Security	Forbid UDP flood attack Forbid TCP flood attack Forbid ICMP flood attack

Specifications

Software Features	
Internet Protocol	Supports Samba (Storage) / FTP Server / Media Server / Printer Server / DLNA
Setup Requirements	Supports Web UI
Environment	
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
Certifications	FCC, CE, RoHS
Package Contents	
Package Contents	3 identical mesh points 3 power adapters Quick install guide 1 gigabit ethernet cable