

**Tenda**



All for better networking.

**MW5c**

AC1200 Whole Home Mesh WiFi System

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# MW5c

## AC1200 Whole Home Mesh WiFi System

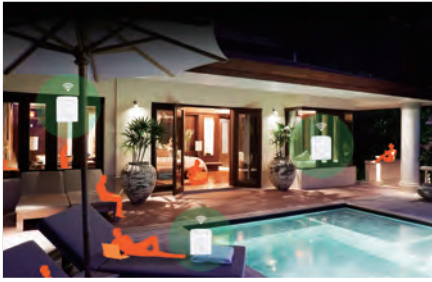
### Product Description

The Tenda nova MW5c is a whole home mesh WiFi system designed for medium-to-larger sized households that have high speed broadband services coming into your home. Powered by Tenda's proprietary mesh technology, creating a distributed network throughout your home. A 3-pack of the MW5c covers up to 3500 square feet and works well behind multiple walls. All nodes feature gigabit ports, getting the most out of your high speed broadband service and ensures smooth streaming of 4K videos. The other nodes automatically connect using pre-paired configurations making setup a breeze. All of these make the Tenda nova MW5c an ideal choice for whole home WiFi coverage.

### More features

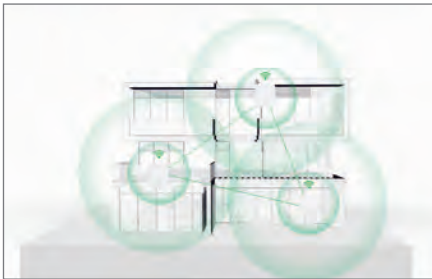
- \* Easy setup: The other nodes automatically connect to the primary node making cabling unnecessary.
- \* Parental Controls: Manage your child's online time.
- \* Security: Supports access control and guest network.

# Selling Points



## Suitable for All Types of Large Houses

Power by Tenda's advanced mesh technology, MW5c creates a distributed network through the interconnection of multiple nodes. Easily achieve WiFi coverage for all types of large houses.



## WiFi Coverage Anywhere

Any node of MW5c can be used as the main node. And other nodes will automatically connect to the master node after powering on. A 3-pack of Nova MW5c covers up to 3500 square feet. Expand your WiFi coverage simply by adding nodes.



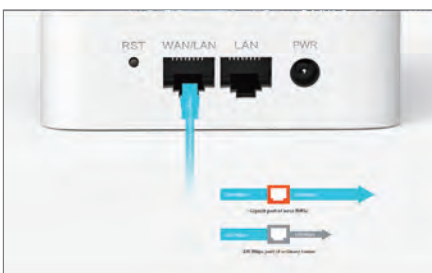
## Compatible with All Nova-series

Any Nova-series product (MW3, MW5, MW5S, MW6, MW12) can be used as an extra unit in an existing Nova network easily to meet varies house type requirements.



## Two Signal Amplifiers for A Stable and Strong Connection

Two amplifiers used both on 2.4GHz and 5GHz bands of the every nodes to enhance the signal strength and receiving capability, helping the nova MW5c outperform ordinary routers.



## Works Well with High Speed Fiber

With full gigabit ports, the MW5c makes most of your high speed broadband coming into your home.

# Selling Points



## Seamless Roaming, Always Online

With the seamless roaming feature, you can go from room to room without losing connection, creating a lag-free video call, online gaming experience when you are on the move.



## MU-MIMO for Supporting Up to 80 Devices

Combining the 1 GHz main chip with MU-MIMO technology, the Nova MW5c communicates simultaneously with multiple devices, ensuring a lag-free internet connection when you enable the Capacity-oriented Mode on Tenda App.



## Remote Control with Tenda APP

Tenda WiFi App provides the easiest way to manage your MW5c. The real-time status of online devices is all in your hands.

# Purchase Guide

| Feature \ Mode                        | MW3 (3-pack)     | MW5 (3-pack)     | MW5c (3-pack)    | MW6 (3-pack)     | MW12 (3-pack)    |
|---------------------------------------|------------------|------------------|------------------|------------------|------------------|
| WiFi Speed                            | AC1200           | AC1200           | AC1200           | AC1200           | AC2100           |
| Compatible Broadband                  | 100 Mbps         | >100 Mbps        | >100 Mbps        | ≥200 Mbps        | ≥500 Mbps        |
| Coverage Area*                        | up to 3500 sq.ft | up to 3500 sq.ft | up to 3500 sq.ft | up to 6000 sq.ft | up to 6000 sq.ft |
| Max. Mesh nodes supported (Qty./Size) | 5 (5000 sq.ft)   | 6 (6000 sq.ft)   | 6 (6000 sq.ft)   | 9 (12000 sq.ft)  | 12 (15000 sq.ft) |
| Max. No. of Connected Devices         | 40 devices       | 60 devices       | 80 devices       | 90 devices       | 120 devices      |

# Specification

## Hardware Specifications

|            |   |
|------------|---|
| Standards  | IEEE 802.3, IEEE 802.3u   |
| Ports      | Mesh5: 2 x 10/100/1000Mbps Ethernet ports<br>-1 WAN/LAN port<br>-1 LAN port |
| Antennas   | Mesh5: 2 x 3 dBi built-in omni-directional antennas                         |
| Button     | Mesh5: 1 x Reset button   |
| Power      | Mesh5<br>Input: 100 - 240 V, 50/60 Hz, 0.6 A<br>Output: DC 12 V == 1 A      |
| Indicator  | Mesh5: 1 System/Signal  |
| Dimensions | Mesh5: 91 mm x 91 mm x 93 mm (3.58 in. x 3.58 in. x 3.66 in.)               |

## Wireless Features

|                    |   |
|--------------------|---|
| Wireless Standards | 5GHz: IEEE 802.11ac/a/n<br>2.4GHz: IEEE 802.11b/g/n |
| Data Rate          | 5 GHz 867 Mbps<br>2.4 GHz 300 Mbps                  |
| Frequency          | Simultaneous dual band 2.4 GHz & 5 GHz              |
| Basic Features     | SSID Broadcast<br>Beamforming<br>MU-MIMO            |
| Wireless Security  | WPA/WPA2-PSK  |
| Wireless Roaming   | Compliant with IEEE 802.11k/v/r                     |

## Software Features

|                          |   |
|--------------------------|---|
| Internet Connection Type | PPPoE, Dynamic IP, Static IP, Bridge Mode   |
| DHCP Server              | DHCP Server<br>DHCP Client List   |
| Virtual Server           | Port Forwarding<br>UPnP   |
| Firewall                 | UDP flood attack defense<br>TCP flood attack defense<br>ICMP flood attack defense |
| DNS                      | Manually setting up DNS server  |
| VPN                      | IPsec pass through<br>PPTP pass through<br>L2TP pass through                      |

# Specification

|                              |  |
|------------------------------|--|
| Others                       | Parental Control   |
|                              | Guest Network<br>Firmware upgrade online   |
|                              | Resetting to factory settings  |
| Setup Requirements           | A mobile device running Android 4.0+ or iOS 8+   |
| <b>Others</b>                |  |
| Temperature                  | Operating Temperature: 0 °C - 40 °C  |
|                              | Storage Temperature: -40 °C - 70 °C  |
| Humidity                     | Operating Humidity: (10% - 90%) RH non-condensing  |
|                              | Storage Humidity: (5% - 90%) RH non-condensing   |
| Certificates                 | FCC, CE, RoHS, EAC, IC   |
| Package Contents<br>(3-pack) | Mesh5 x 3<br>12 V/1 A power adapter x3<br>Quick installation guide x 1<br>Gigabit Ethernet cable x 1 |

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