Tenda

All for better networking.

MW5s-2pack

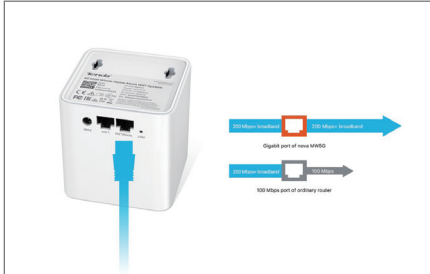AC2100 Whole Home Mesh WiFi System

Link More

MW5s-2pack

AC1200 Whole Home Mesh WiFi System

Product Description

The Tenda nova MW5s is a whole home mesh WiFi system designed for larger households with 100 Mbps or greater broadband services. Powered by Tenda's mesh technology, each node automatically connects to the others, creating a distributed network throughout your entire home. 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 with pre-paired configuration, making setup a breeze.
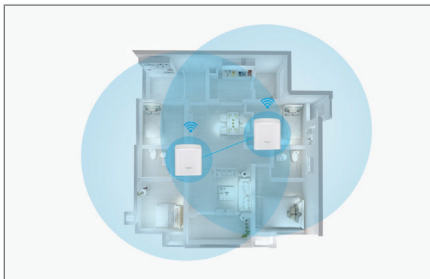
Selling Points

Works well with high speed broadband

With 2 gigabit ports included, the MW5s gets the most out of your high speed broadband services coming into your home.
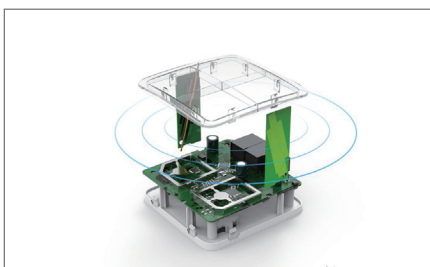

Covers up to 2500 square feet

Powered by Tenda's proprietary mesh technology, each node automatically connects to the other, creating a distributed network throughout your entire home. A 2-pack of nova MW5s covers up to 2500 square feet. Go big and easily expand your WiFi network in the future simply by adding nodes.

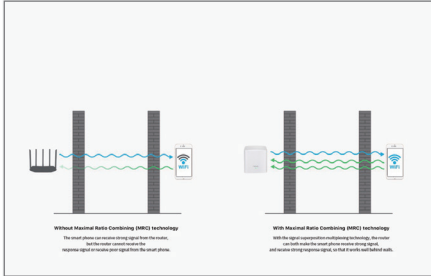## Two power amplifiers for each band to enhance the whole WiFi coverage

Two external power amplifiers used both on 2.4 GHz and 5 GHz bands of the primary node to enhance the signal strength and receiving capability, helping the nova MW5G outperform ordinary routers.

Built-in dual band antennas for excellent wall penetration capability

With features that optimize both the 2.4 GHz and 5 GHz bands, the nova MW5s system automatically adjusts the data rates when it works behind multiple walls.

Selling Points

RF optimization for excellent wall penetration performance

By optimizing matching circuits and applying Maximal Ratio Combining (MRC) technology, the nova MW5s dramatically improves WiFi transmission, increasing wall penetration and distributing much broader WiFi coverage.
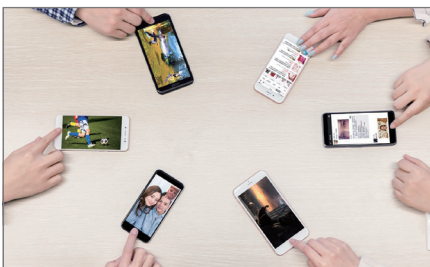

Beamforming technology concentrates the signal for better wall penetration

Powered by Beamforming technology, the nova MW5s projects a stronger WiFi signal in a direction where your devices are located. Instead of just broadcasting signals to a wide area, Tenda's Beamforming concentrates the signal and aims it directly at the target.

Automatic networking makes setup a breeze

All nodes are delivered pre-paired right out of the box, making the system easy to setup and an ideal choice for whole home WiFi coverage.

Supports up to 80 devices

Combining the 1 GHz main chip with MU-MIMO technology, the nova MW5s communicates simultaneously with multiple devices, ensuring a lag-free internet connection when you enable the Capacity-oriented Mode using the App.

Specification

Hardware Specifications	
Standard&Protocol	IEEE802.11a/b/g/n/ac IEEE 802.3, IEEE 802.3u, IEEE 802.4ab
Ports	Mesh5: 2 x 10/100/1000Mbps Ethernet ports -1 WAN/LAN port -1 LAN port Mesh3f: 2 x 10/100Mbps Ethernet ports -1 WAN/LAN port -1 LAN port
Antennas	2 x Internal antenna
Button	1 x Reset Button
Power	Mesh5 Input: 100 - 240 V, 50/60 Hz, 0.6 A Output: DC 12 V == 1 A Mesh3f Input: 100 - 240 V, 50/60 Hz, 0.6A Output: DC 9 V == 1 A
Dimensions	91 x 91 x 93mm (3.58 x 3.58 x 3.66 in.)
LED Indicator	1 x Tri-color LED Indicator(Green,Yellow,Red)
Wireless Features	
Wireless Standards	IEEE802.11a/b/g/n/ac (WiFi 5 wave 2)
Wireless roaming	Comply with IEEE802.11k/v/r
Mesh network Standard	IEEE802.11s
Data Rate	2.4GHz: 300Mbps 5GHz: 867Mbpsz
Frequency	2.4~2.4835GHz 5.15~5.25GHz 5.725~5.85GHz
Transmit Power	CE: <20dBm(2.4G) <23dBm(5G)
Basic Features	SSID Broadcast Beam Forming MU-MIMO
Wireless Security	WPA/WPA2-PSK(default)

Specification

Software Features

Operating Mode	Router Mode,Bridge Mode
Internet Connection Type	PPPoE, Dynamic IP, Static IP, PPPoE(Russia), PPTP(Russia), L2TP(Russia)
DHCP Server	DHCP Server DHCP Client List
Virtual Server	Port Forwarding, UPnP
Parental Control	Client Filter
Firewall	Forbid TCP/UDP flood attack
VPN	PPTP/L2TP/IPsec pass through
DNS	Support manually setting DNS server
Special Features	Smart QoS (Gaming, Video & Audio, Download))
Others	Auto-sensing internet connection; Support App management and Remote management; Guest Network; Firmware upgrade online

Others

Operating Temperature	Storage Temperature: -40 °C - 70 °C
Storage Temperature	-40 ~ 70 °C
Operating Humidity	10%~90% RH non-condensing
Storage Humidity	5%~90% RH non-condensing
APP installation	Available in iOS 8.0 or later, Android 4.0 or later
Certification	CE, FCC, RoHS

SHENZHEN TENDA TECHNOLOGY CO.,LTD.

Tenda Technology Bldg.Int' l E-City,
#1001 Zhong Shan Yuan Rd.,Nanshan District,Shenzhen China.

E-mail:support@tenda.com.cn
Tel:+86-755-2765 7098
Fax:+86-755-2765 7178