



Tenda Nova MW12 - Wi-Fi system (2 routers)

mesh - GigE - 802.11ac Wave 2 - 802.11a/b/g/n/ac Wave 2 - Tri-Band

Group	Network Equipment
Manufacturer	Tenda
Manufacturer item no.	NOVA MW12-2
EAN/UPC	6932849428599

Description

The MW12 is a whole home Mesh Wi-Fi system designed for medium to large households with a high speed broadband service. Powered by Tenda Mesh technology, it creates a distributed network with several nodes throughout your home. AC2100 tri-band design and full Gigabit ports support and give full play to your high speed broadband service. It carries a 900 MHz strong CPU and 256 MB large memory, and is able to handle more devices on your network. All terminals can enjoy high-speed tri-band Wi-Fi at the same time, indicating low latency for internet games, smooth streaming of 4K videos and VR HD applications. It features easy and wire-free installation and allows both auto-networking and manual addition. With seamless roaming around the house, the MW12 creates a high-speed and intelligent Mesh Wi-Fi system throughout your home.

Main features

Product Description	Tenda Nova MW12 - Wi-Fi system - 802.11a/b/g/n/ac Wave 2 - desktop
Device Type	Wi-Fi system - mesh
Enclosure Type	Desktop
Wi-Fi System Components	2 routers
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2
Frequency Band	2.4 GHz (1 band) / 5 GHz (2 bands)
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, DHCP
Routing Protocol	Static IP routing
Intelligent Assistant	Alexa ready
Features	Auto-sensing per device, URL filtering, parental control, firmware upgradable, roaming function, DHCP server, port forwarding, reset button, DHCP client, MU-MIMO technology, beamforming technology, Smart QoS, band steering, router mode, Fast Roaming, guest access, seamless roaming, DMZ support, Dedicated Backhaul, bridge mode, Block TCP Flood, Black UDP Flood



Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11k, UPnP, IEEE 802.11r, IEEE 802.11v, IEEE 802.11ac Wave 2, IEEE 802.11s
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	10 cm x 10 cm x 10 cm
System Requirements	Android 4.0 or later, Apple iOS 8.0 or higher

Extended details

	General
Device Type	Wi-Fi system - mesh
Wi-Fi System Components	2 routers
Enclosure Type	Desktop
Connectivity Technology	Wireless, wired
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac Wave 2
Frequency Band	2.4 GHz (1 band) / 5 GHz (2 bands)
Network / Transport Protocol	PPTP, L2TP, IPSec, PPPoE, DHCP
Routing Protocol	Static IP routing
Encryption Algorithm	WPA-PSK, WPA2-PSK
Wi-Fi Rating	AC2100
Mesh Networking	Yes
Features	Auto-sensing per device, URL filtering, parental control, firmware upgradable, roaming function, DHCP server, port forwarding, reset button, DHCP client, MU-MIMO technology, beamforming technology, Smart QoS, band steering, router mode, Fast Roaming, guest access, seamless roaming, DMZ support, Dedicated Backhaul, bridge mode, Block TCP Flood, Black UDP Flood
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11k, UPnP, IEEE 802.11r, IEEE 802.11v, IEEE 802.11ac Wave 2, IEEE 802.11s, FCC, RoHS
Processor	900 MHz
RAM	256 MB DDR3 SDRAM
	Internet of Things (IoT)
Internet of Things (IoT) Compatible	Yes
Intelligent Assistant	Alexa ready
	Expansion / Connectivity
Interfaces	3 x 10Base-T/100Base-TX/1000Base-T - RJ-45
	Aerial
Aerial	Internal
Antenna Qty	4
	Power
Power Device	External power adapter
Installed Qty	2



Voltage Required	AC 120/230 V (50/60 Hz)
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Miscellaneous

Cables Included	1 x network cable
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Software / System Requirements

OS Required	Android 4.0 or later, Apple iOS 8.0 or higher
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Dimensions & Weight

Width	10 cm
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Depth	10 cm
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Height	10 cm
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Environmental Parameters

Min Operating Temperature	0 °C
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Max Operating Temperature	40 °C
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Humidity Range Operating	10 - 90% (non-condensing)
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