Tenda

Wi-Fi 7

ME3 Pro

BE3600 Whole Home Mesh Wi-Fi7 System

www.tendacn.com

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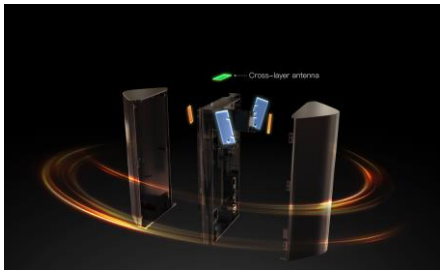
The ME3 Pro is a BE3600 Whole Home Mesh Wi-Fi 7 System designed to provide high-speed internet service for large house. It creates a distributed network with multiple nodes throughout your home by Tenda Mesh technology. With 5 independent external FEMs and Xtra Range™ 2.0 technology, the ME3 Pro has strong signal coverage performance. Adopt the new generation Wi-Fi 7 (802.11BE) technology, dual-band concurrent rates up to 3570Mbps . Equipped with a 6nm Wi-Fi chip and 512MB of large memory, multiple terminal devices surfing the Internet at the same time, you can enjoy high-speed network, ultra-low latency gaming, ultra-smooth 8K video and VR HD applications. ME3 Pro is easy to install, just configure the master node and the sub-nodes can automatically form a network; unique NFC password-free function, simply requiring the visitor's phone to be close to the dedicated NFC sticker to connect to the Wi-Fi.

Main Features

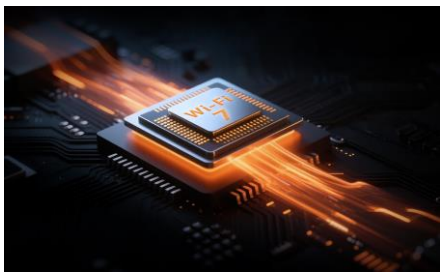
Ultra-fast Wi-Fi7 for the whole home
Surpassing Wi-Fi6 in all aspects

Adopt the new generation Wi-Fi 7 technology, dual-band concurrent rate up to 3570Mbps. The unique Multi-Link Operation technology of Wi-Fi 7, dual-band simultaneous transmission is possible with Wi-Fi 7 terminal devices, the network speed is faster than the single-band transmission AX3000 and the network latency is lower.



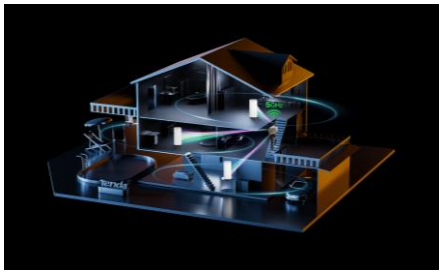
Innovative intelligent five-antenna
Better signal coverage across layers

Tenda innovates five-antenna AI positioning algorithm design, the location of the Internet terminal can be sensed, better coverage than four-antenna. One of them is a dedicated cross-layer antenna, Wi-Fi cross-layer coverage has stronger penetration. With 5 independent external FEMs, the three nodes network coverage without blind spots, beyond traditional four-antenna Mesh Wi-Fi.



6nm advanced process chip
Stable coverage

ME3 Pro uses a 6nm advanced process chip with higher integration, lower power consumption and heat generation, significantly improves the stability of Wi-Fi signal transmission, smoother networking experience.



Wireless access binding
Always enjoy the best Wi-Fi

For ultra-fast Internet experience, the phone can lock onto the 5G band with faster network speed at each node of MB3 Pro, enjoy high-speed Internet experience wherever you go at home; TVs and cameras can lock onto the best network node, movies and surveillance videos are always clear and smooth.

Specification

Hardware Features	
Standard&Protocol	IEEE802.3, IEEE802.3u,IEEE802.3ab
CPU	Dual-Core 1GHz CPU
RAM	512MB
Interface	3 x GE ports per node
Antenna	5*3dBi Internal antennas
Button	1x Mesh Button, 1x Reset Button
Power	Input: AC 100-240V, 50/60Hz Output: DC 12V 2A
LED indicator	1x Tri-color LED Indicator(Green, Yellow, Red)
Dimensions	86*86*190mm(3.39*3.39*7.48 in)
Wireless Features	
Wireless Standards	5 GHz: IEEE 802.11be/ax/ac/n/a 2.4 GHz: IEEE 802.11be/ax/n/b/g
Frequency	2.4G & 5G
Data Rate	5 GHz: 2882 Mbps (802.11be) 2.4 GHz: 688 Mbps (802.11be)
Transmission Power	CE: <20 dBm(2.4GHz) <23 dBm(5GHz) FCC: <30 dBm(2.4GHz) <30 dBm(5GHz)
Basic Functions	Beamforming MU-MIMO AP Steering Band Steering OFDMA 4K-QAM
Wireless Security	WPA2-PSK WPA3-SAE/WPA2-PSK

Specification

Software Function	
Internet Connection Type	PPPoE, Dynamic IP, Static IP PPPoE(Russia), PPTP(Russia), L2TP(Russia) Unify,Maxis,Maxis-special,Celcom,Digi
Network Protocol	IPv4&IPv6
Operating Mode	Router Mode AP Mode Client+AP WISP Mode
DHCP	DHCP Server DHCP Client List
Parental Control	Client Filter URL Filter Time Limit
Virtual Server	UPnP Port Forwarding DMZ Host
Firewall	Forbid UDP Flood Attack Forbid TCP Flood Attack Forbid ICMP Flood Attack Forbid WAN Ping from Internet
DDNS	DynDNS, no-ip, oray, 88ip
VPN	PPTP Server PPTP/L2TP Client
Special Features	WPA3 TR069 Unify 2.4 GHz & 5 GHz Smart LED on/off Amazon Alexa One-button Fault Diagnosis WAN/LAN Port Auto-Negotiation
Other Function	IPTV IPv6 Guest Network System Log Remote Web Management MAC Clone Backup & Restore configurations Firmware upgrade online

Specification

Other Features	
Certification	CE, FCC, RoHS
Temperature	Operating Temperature : 0℃~40℃ Storage Temperature : –40C ~70℃
Humidity	Operating Humidity : 10 %~90% RH non–condensing Storage Humidity : 5 %~ 90%RH non–condensing
Package Content	BE3600 Mesh*3 Power Adapters *3 Quick Installation Guide *1 Ethernet Cable *1 NFC Sticker*1

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