



MX1800E











More stable, Faster, Stronger, Broader

WiFi 6's BSS Color

BBS Color marks frames from neighboring networks, and therefore your Mesh can ignore them and only focus on your network tasks. Without extra work, your Mesh became much more efficient.

Beamforming

Focus wireless signal strength towards clients to expand WiFi range.

↑ 1024-QAM, 10bits / Symbol

With the latest 1024-QAM, each symbol carries 10 bits, improving raw speeds by 25% compared to 802.11ac 256-QAM.

Greatly Reduce Lag

Providing smaller (but dedicated) sub-channels for multiple users simultaneously, the OFDMA mechanism can improve the average transmission rate per user. It is greatly reduced lag and queue.

Connect to More Devices Simultaneously

WiFi 6's MU-MIMO works with both uploads and downloads. This means that there's more than enough bandwidth for everyone whatever you're doing online.

Reduce Power Consumption

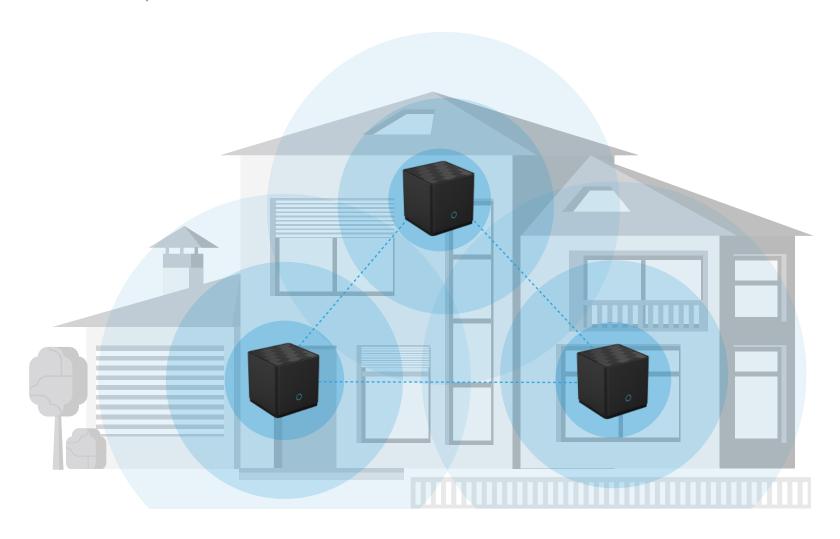
Target Wake Time(TWT) increases the sleep time of the STA to reduce power consumption.

Outstanding Mesh WiFi, Everywhere

- Form a Mesh network with your desired & qualified nodes.
- Excellent WiFi 6 Speed up to 1800 Mbps
- Larger system capacity

Seamless Roaming with One WiFi Name

MX1800E Mesh system keeps you connected as you roam seamlessly from room to room without ever dropping your WiFi signal, and all you need is the unified WiFi name and password to connect.







Security

Ensure a safe Internet environment.

- Firewall Protect your network devices from baleful attack.
- Blacklist Add specific devices to blacklist to protect your network from unauthorized devices.
- WPA 3 With more secure encryption in WiFi password safety and stronger protection against brute-force attacks, WPA 3 secures your WiFi.



Easy Setup

Set up all nodes with the best place spot ealisy.

- Auto Networking Once you configure the primary Mesh node, the other pre-paired nodes can automatically connect to the primary Mesh node and become "Plug and Play" devices.
- Intelligent Indicator—Find & indentify a suitable location for your nodes simply.



Stay Online

Guarantee a fast WiFi continously.

- Adaptive Path Selection—It will auto-choose the optiomal route dynamically for connections and applications in Mesh network, ensursing a stable network no matter where you are in the home.
- **Self-Healing**—If one MX1800E has an issue, the system will automatically reroute data via the other nodes to make sure you stay online.



Quality of Service

Make priority for better performance when needed.

- For Devices—Prioritize the devices that need the fastest internet connection.
- For Applications—Prioritize the online activity that is most important to everyone.



Discretionary Network

Work with "same family" nodes supported easymesh to form a Mesh network.

 By adding more qualified nodes to form a broader Mesh network anytime.



Decoration

Simple but all-embracing.

• MX1800E, with pure white & elegant case, integrates into various home decorations.



Specifications

General

• Wireless Standards: Wi-Fi6

IEEE802.11ax/ac/n/a 5 GHz IEEE802.11ax/n/b/g 2.4 GHz

• Mesh Protocol: IEEE802.11k/v/r IEEE1905.1

• Signal Rate: 5 GHz: 1201 Mbps(802.11ax) 2.4 GHz:574 Mbps(802.11ax)

• Operation Frequency: 2.4 GHz & 5GHz

• Wireless Security: WPA1/WPA2, WPA3, WPA3-192-bit, WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3-PSK

Hardware

• Interfaces: 1 x 10/100/1000Mbps WAN Port 2 x 10/100/1000Mbps LAN Port

• Buttons: WPS Button, RESET Button

• Power Supply: DC 12V 1A

• Antenna: 2 x 3dBi Internal Antennas

• Dimensions (W X D X H): (104 x 104 x 106) mm





Software Features

- WAN Type: Dynamic IP/Static IP/PPPoE
- DHCP: Server, DHCP Reservation, Static Route
- Quality of Service: Download / Upload Speed control
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- VPN: PPTP, L2TP, IPSec
- Access Control: URL Filter
- Firewall Security: DoS, SPI Firewall, Port Filter
- Management: Access Control

Local Management

Remote Management

- Internet Protocol: IPv4, IPv6
- Samba: Support
- NTP: Support
- OFDMA: Support
- MU-MIMO: Support
- Easymesh: Support

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Relative Humidity: 10%~90%, non-condensing
- Storage Humidity: 5%~95%, non-condensing

Package Contents

- 1-Pack
- 1 x MX1800E
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide
- 2-Pack
- 2 x MX1800E
- 2 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide
- 3-Pack
- 3 x MX1800E
- 3 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide