

AX1500 Wi-Fi 6 Router

Model: MR60X

Wi-Fi 6

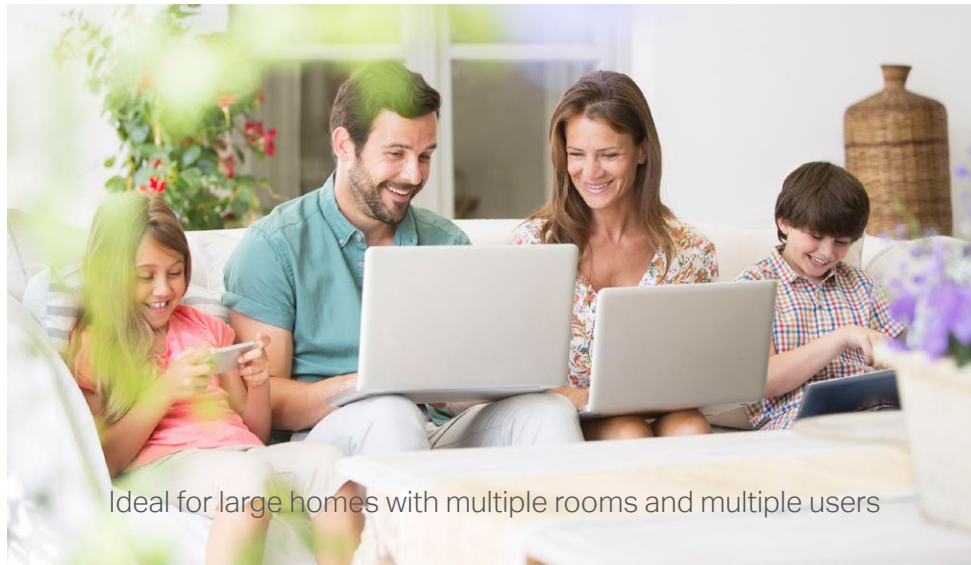


// Highlights

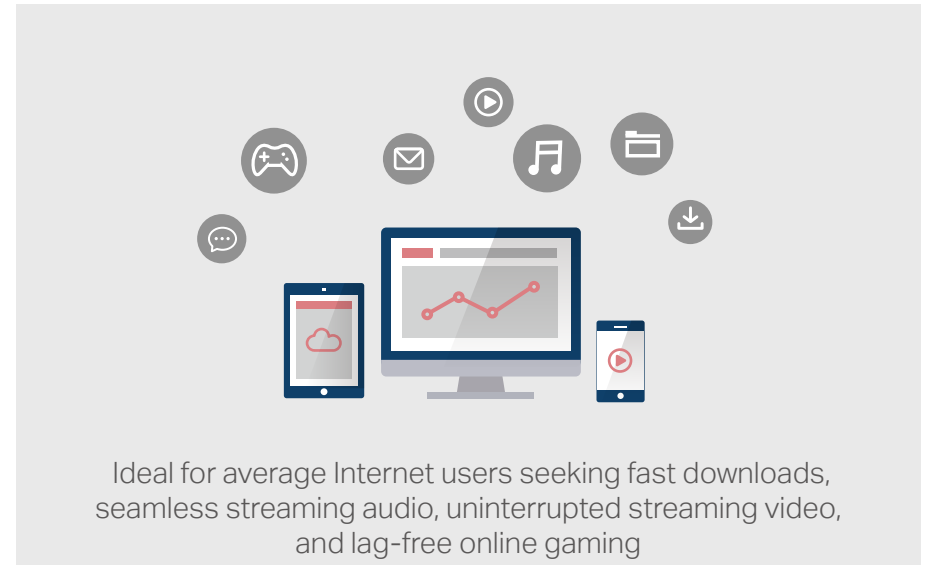
- 1500 Mbps Wi-Fi Speed[†]
- High-Gain Antennas with Beamforming
- Connect 4× More Devices[§]
- Easy App Control
- WPA3 Wireless Encryption[^]



// Applications



Ideal for large homes with multiple rooms and multiple users



Ideal for average Internet users seeking fast downloads, seamless streaming audio, uninterrupted streaming video, and lag-free online gaming

// Features



Parental Controls

Establish appropriate policies to protect children with responsible, safe internet access



Guest Network

Provides a separate network for guests to ensure your security and privacy



Quality of Service

Prioritizes devices you select to perform better



Access Point Mode

Extends a wired network and makes it wireless



IPTV Supported

Supports IGMP Proxy/Snooping, Bridge, and Tag VLAN to optimize IPTV streaming



IPv6 Supported

Allows you to enjoy IPv6 services provided by your ISP and visit IPv6 websites

// Crank Up Your Wi-Fi to 6

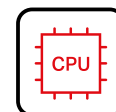
The latest Wi-Fi 6 standard applies advanced technology designed to deliver more simultaneous connections, extend Wi-Fi range, and maintain reliably fast data transmissions, satisfying demands for high-performance wireless experiences.



1.5 Gbps Wi-Fi 6 Speeds[†]



Connect 4× More Devices[§]



Minimize Buffering and Lag



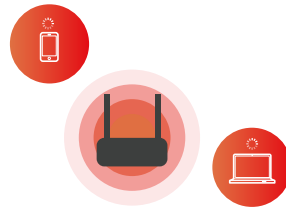
Eco-Friendly Power Saving[†]

// Expansive Wi-Fi Range

Four powerful high-gain antennas armed with advanced wireless technology provide strong signals throughout your home. Beamforming detects your connected devices and concentrates wireless signal strength towards them, making your connections more stable.



MR60X with Beamforming



Regular Router without Beamforming

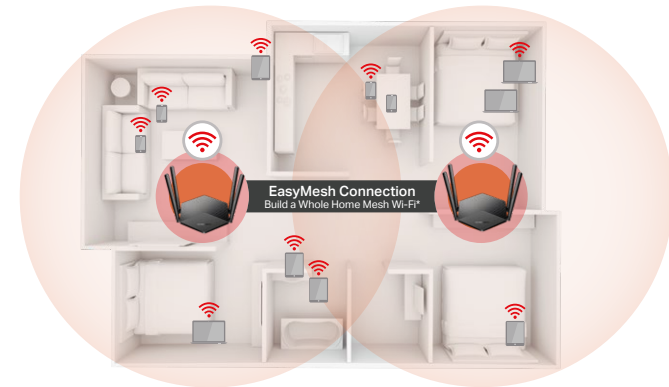
// Overall Security Protection

The latest security standard, WPA3, offers improved comprehensive Wi-Fi protection to defend your devices and private information against brute-force attacks.^Δ



// EasyMesh-Compatible

MR60X is compatible with EasyMesh for a smooth whole home mesh Wi-Fi network, preventing drops and lag when switching signals. Enjoy uninterrupted streaming while roaming your house.*



// Smart Connect

Smart Connect combines the 2.4 GHz and 5 GHz bands into a single Wi-Fi SSID and helps your devices intelligently choose the best available band that has the stronger signal and faster speed, keeping your devices always running optimally.



// Specifications

Hardware

Ports

1× Gigabit WAN Port + 3× Gigabit LAN Ports

Button

Reset Button

WPS Button

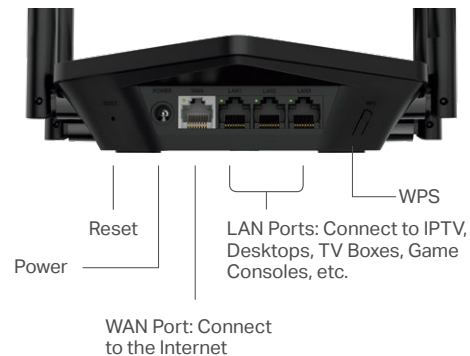
Dimensions (W x D x H)

6.9 × 6.2 × 1.8 in

(175.6 × 157.2 × 45 mm)

Antennas

4× High-Gain Antennas



Wireless

Wi-Fi Speeds

1201 Mbps (5 GHz, 11ax) + 300 Mbps (2.4 GHz, 11n)[†]

Standards

Compatible with 802.11ax/ac/a/b/g/n

Wireless Security

WPA-PSK/WPA2-PSK/WPA3-SAE[△]

Wireless Functions

Enable/Disable Wireless Radio, WMM

Wi-Fi Reception Sensitivity

2.4 GHz:

11g 6Mbps: -96dBm

11g 54Mbps: -78dBm

11n HT40 MCS7: -74dBm

11n HT20 MCS7: -77dBm

5 GHz:

11a 6Mbps: -94dBm

11a 54Mbps: -76dBm

11ac VHT20 MCS8: -71dBm

11ac VHT40 MCS8: -68dBm

11ac VHT80 MCS8: -65dBm

Software

WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

DHCP

Server, DHCP Client List

NAT Forwarding

Port Forwarding, Port Triggering, UPnP, DMZ

Management

Access Control, Local Management, Remote Management

Security

SPI Firewall, IP and MAC Address Binding

Guest Network

2.4 GHz Guest Network, 5 GHz Guest Network

// Specifications

Others

Package Contents

- AX1500 Wi-Fi 6 Router MR60X
- Power Adapter
- Quick Installation Guide
- RJ45 Ethernet Cable

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Operating Humidity: 10%~90% Non-Condensing
- Storage Humidity: 5%~90% Non-Condensing

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†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage, and number of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

‡Use of 802.11ax (Wi-Fi 6), and features including OFDMA, MU-MIMO, 1024-QAM, BSS Color, and Target Wake Time(TWT) requires clients to also support the corresponding features. Actual power reduction by Target Wake Time may vary as a result of network conditions, client limitations, and environmental factors. This router may not support all the mandatory features as ratified in Draft 3.0 of IEEE 802.11AX specifications. Further software upgrades for feature availability may be required.

§The 802.11ax white paper defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 Medium Access Control (MAC) layer as enabling at least one mode of operation capable of supporting improvement of at least four times the average throughput per station (measured at the MAC data service access point) in a dense deployment scenario.

ΔUse of WPA3 requires clients to also support WPA3.

*EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-compatible function is still being developed on some models and will be supported in subsequent software updates. This product is compatible with standardized EasyMesh technology but has not obtained the Wi-Fi EasyMesh™ certification.