AX1500 Wireless Dual-Band Gigabit Router

Model: MR62X

Highlights

- 1.5 Gbps Wi-Fi 6 Speed -1201 Mbps + 300 Mbps Dual-Band Speed[†]
- 4× More Capacity - Connect more Wi-Fi devices with OFDMA and MU-MIMO[‡]
- Broader Wi-Fi Coverage - Four powerful high-gain antennas with Beamforming
- Gigabit Wired Connections - Full Gigabit Ports for PCs, IPTVs, and Game Consoles
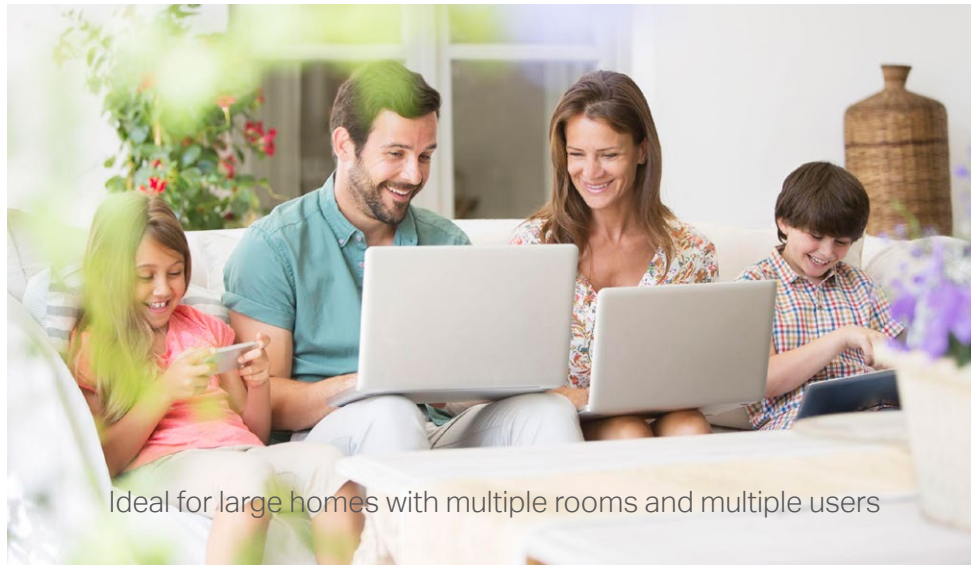
Easy App Control

The MERCUSYS app helps you set up in minutes and manage your Wi-Fi at home or away through your iOS or Android devices.
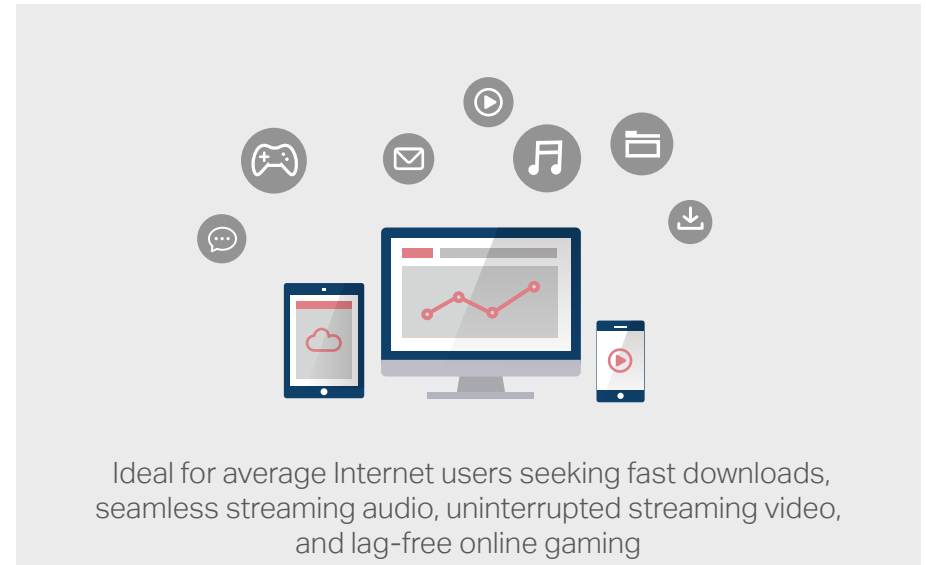
Download on the **App Store**

GET IT ON **Google Play**

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

Smart Connect
Intelligently chooses the best available band for each device

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.

Faster Speeds | Lower Latency | Higher Capacity | Energy Efficient
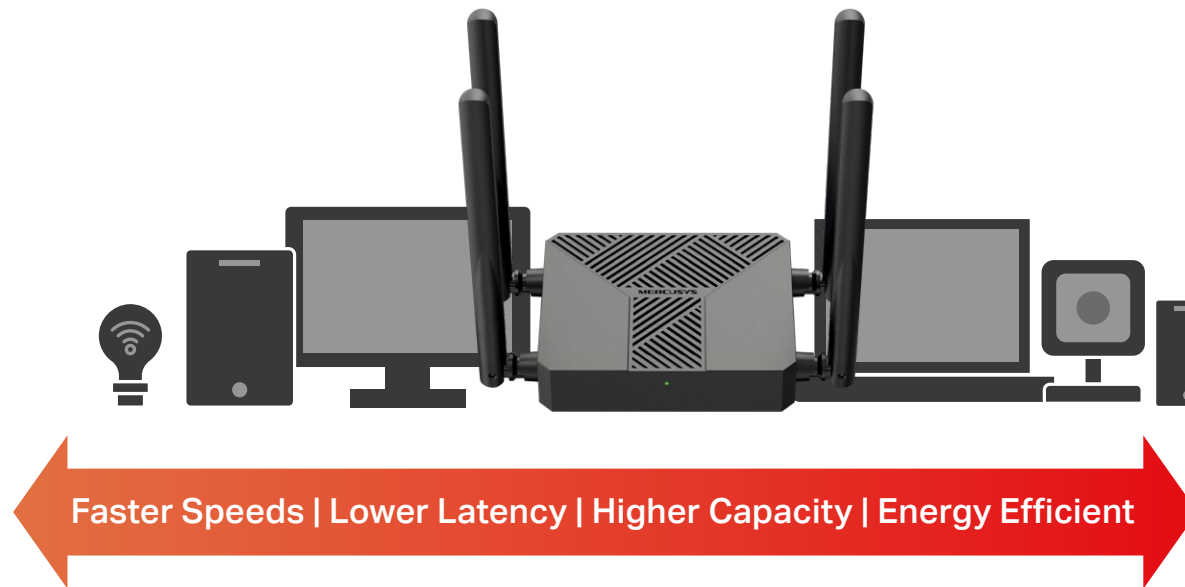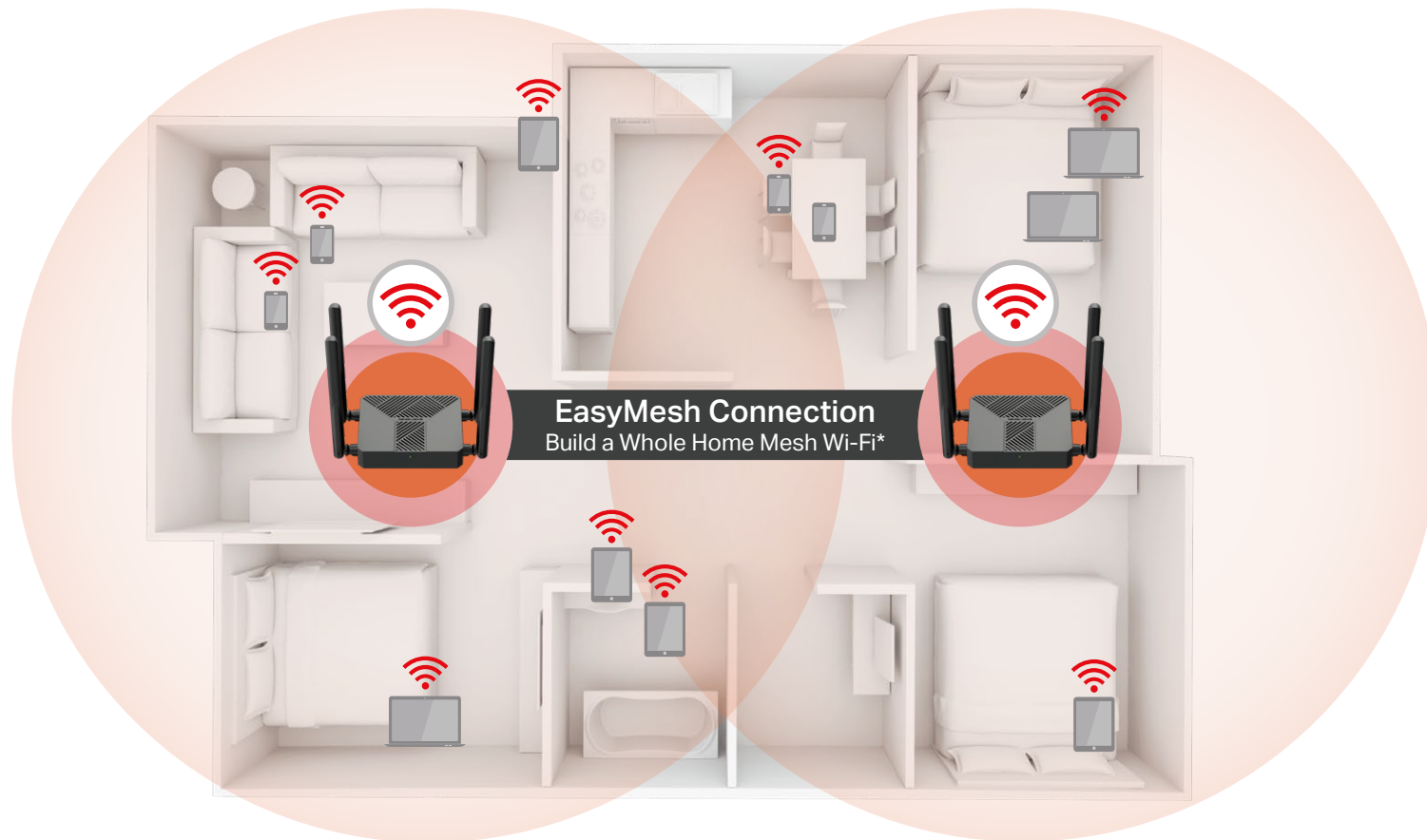
1.5 Gbps Wi-Fi Speeds[†]

Connect 4× More Devices[§]

Minimize Buffering and Lag

Eco-Friendly Power Saving[‡]

EasyMesh-Compatible

MR62X 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.*

EasyMesh Connection
Build a Whole Home Mesh Wi-Fi*

Specifications

Hardware

- -

Ports
1× Gigabit WAN Port + 2× Gigabit LAN Ports

Button
Reset/WPS Button

Dimensions (W x D x H)
5.2 × 3.7 × 1.2 in
 (132.14 × 94.81 × 30.5 mm)

Antennas
4× High-Gain Antennas

WPS/Reset
Power

WAN Port:
Connect to
the Internet

LAN Ports:
Connect to IPTV, Desktops, TV
Boxes, Game Consoles, etc.
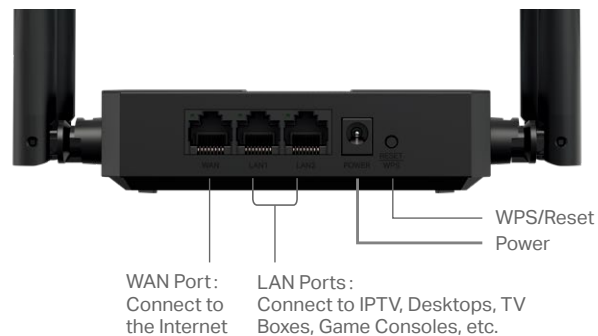
Wireless

- -

Wireless
1201 Mbps (5 GHz) + 300 Mbps (2.4 GHz),
compatible with 11ax/ac/a/b/g/n Wi-Fi standards
• OFDMA: Allows simultaneous data transmission
to and from several devices sharing one band,
satisfying high network capacity demands‡
• MU-MIMO: Transfers data to more devices
simultaneously, improving overall network
efficiency‡
• 1024-QAM: Packs more effective data at once
to achieve a 1.25× speed increase over
802.11ac 256-QAM‡
• Long OFDM Symbol: Delivers 4× more data
subcarriers to increase range, stability, and
speed‡
• Target Wake Time (TWT): Reduces power
consumption for your mobile and IoT devices
during data transmissions‡
• BSS Color: Minimizes interference from
neighboring signals to improve transmission
efficiency‡

EIRP
2.4 GHz < 20dBm (EIRP)
5 GHz < 23dBm (EIRP)

Reception Sensitivity
11g 6Mbps: -96dBm
11g 54Mbps: -78dBm
11n HT40 MCS7:-74dBm
11n HT20 MCS7:-77dBm
11a 6Mbps:-94dBm
11a 54Mbps:-76dBm
11ac VHT20 MCS8:-71dBm
11ac VHT40 MCS8:-68dBm
11ac VHT80 MCS8:-65dBm

Wireless Function
Enable/Disable Wireless Radio, WMM

Security Features
• Guest Network Access
• Firewall Protection
• Wireless Security: WPA-PSK / WPA2-PSK
/ WPA3 wireless encryption

Specifications

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

Firewall Security
SPI Firewall, IP and MAC Address Binding

Guest Network
2.4 GHz Guest Network, 5 GHz Guest Network

Others

Package Contents
• AX1500 Wireless Dual-Band Gigabit Router MR62X

• Power Adapter

• Quick Installation Guide

• RJ45 Ethernet Cable

Environment
• Operating Temperature: 0℃~40℃ (32℉~104℉)

• Operating Humidity: 10%~90% Non-Condensing

• Storage Humidity: 5%~90% Non-Condensing