

300Mbps Enhanced Wireless N Router

Model: MW325R

// Highlights

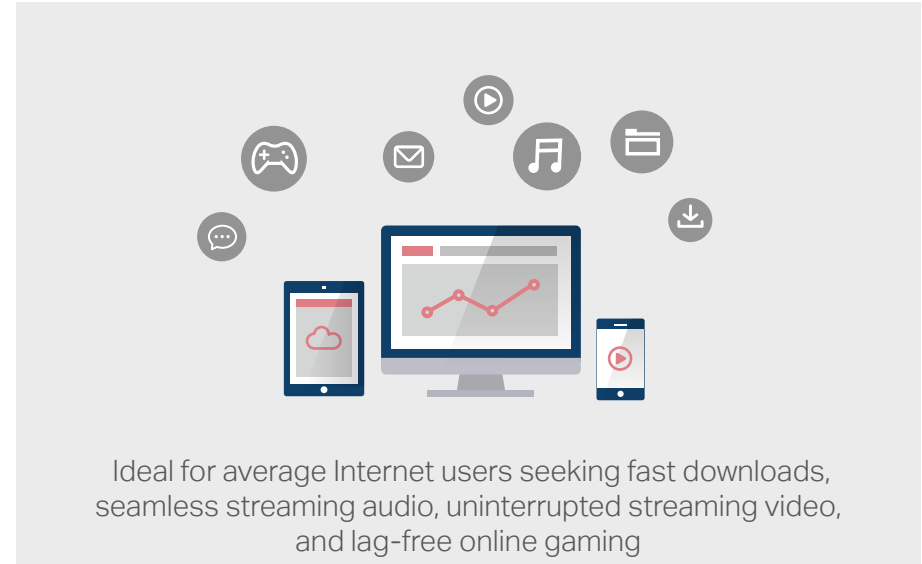
- Great Coverage – Four 5dBi antennas provide wide wireless coverage
- Enhanced Signal – High gain antennas dramatically increase wireless signal strength, size and stability
- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads[†]
- Easy Installation - Intuitive webpage guides you through the setup process in minutes
- Easy App Control - Set up and manage Wi-Fi with the MERCUSYS App



// 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



Speed

Fast Wireless Speed - Wireless speed up to 300Mbps



Range

Four Omni Directional Antennas – Four fixed antennas provide maximum wireless coverage
Enhanced Signal – High quality antennas are arranged to boost wireless performance



Easy Setup

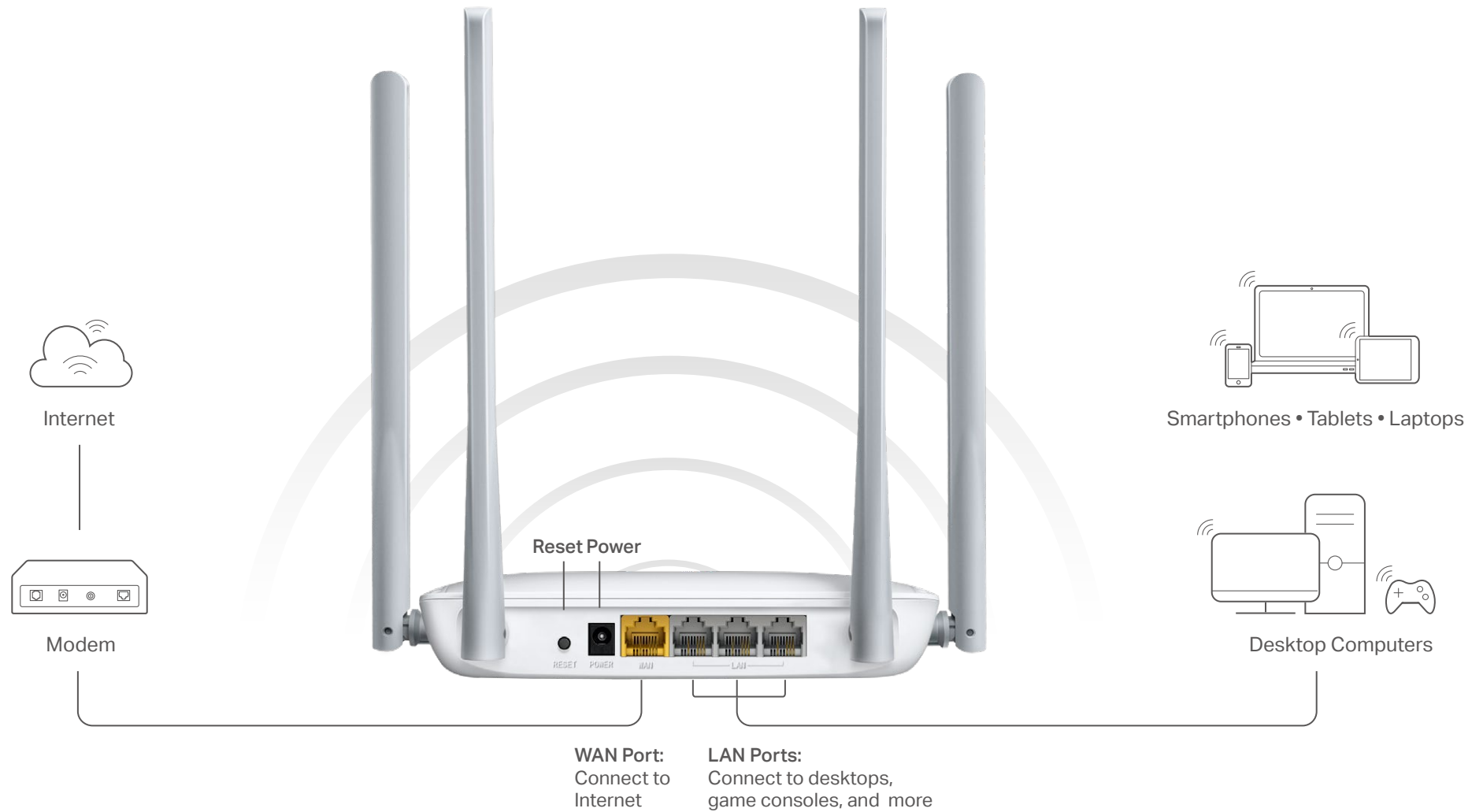
Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation



Security

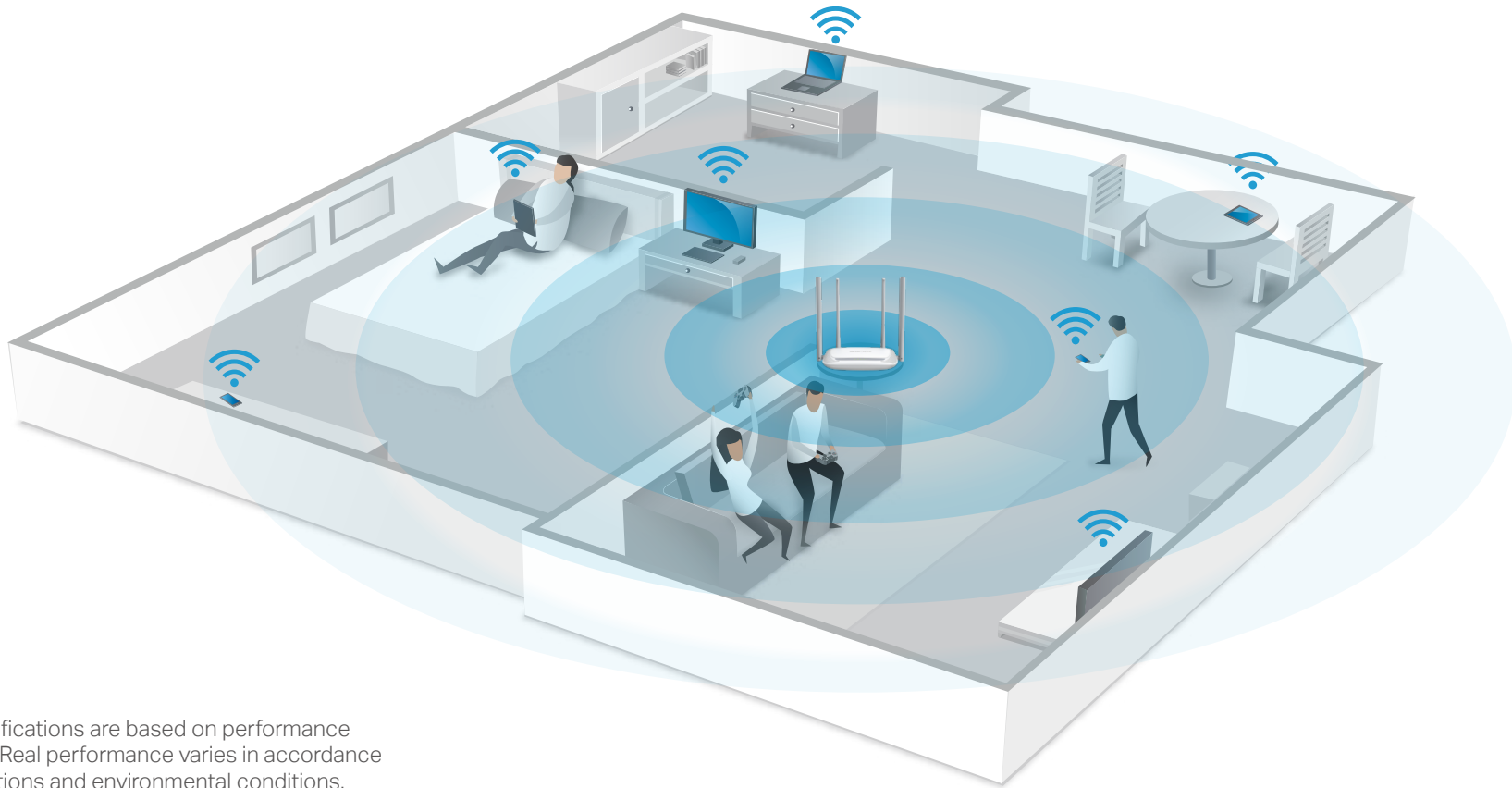
Guest Network – Creates two separate networks for you and your guests to ensure safety
Parental Controls – Parents can establish appropriate access policies to protect children

// Connections



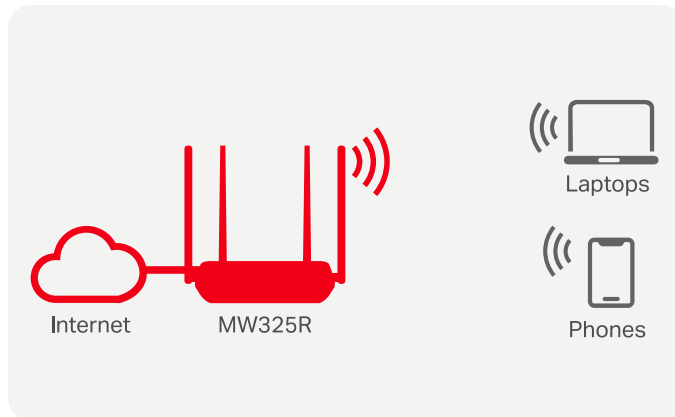
// Maximum Wi-Fi Coverage

The MW325R provides wider coverage and more stable wireless performance by precisely arranging four 5dBi antennas that feature advanced antenna technology. You can enjoy smooth streaming, gaming, and browsing from any room in your home.



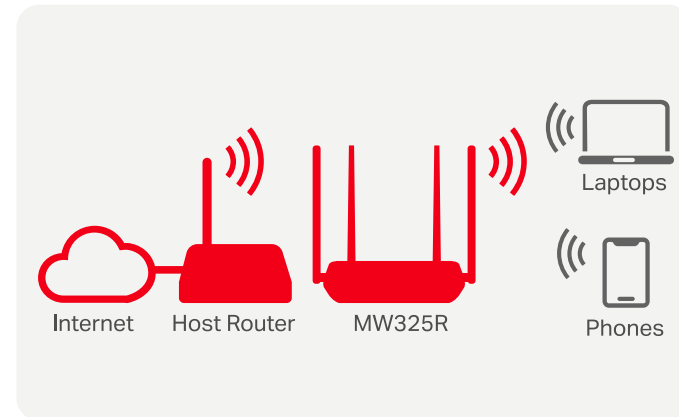
* Range specifications are based on performance test results. Real performance varies in accordance with applications and environmental conditions.

// Multi-Mode to Meet Any Network Need



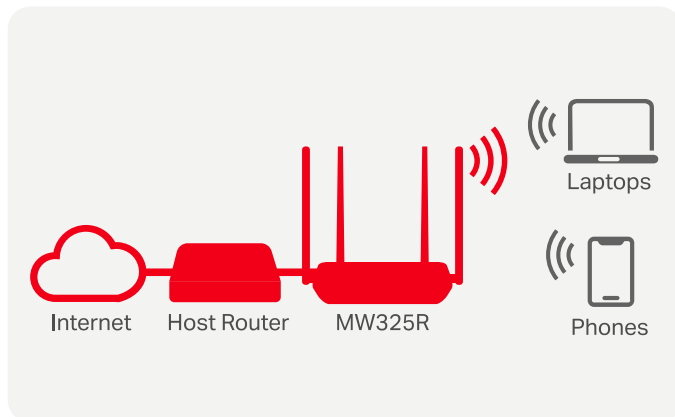
Router Mode

Creates a wireless network for all your WiFi devices



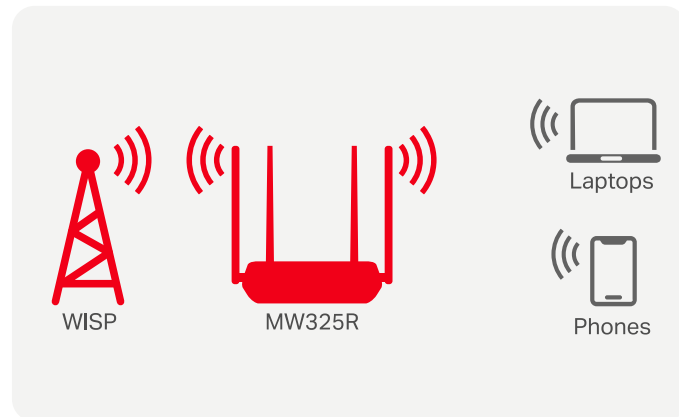
Range Extender Mode

Extends your existing WiFi



Access Point Mode

Extends a wired network and makes it wireless



WISP Mode

Wirelessly connects to the ISP network in areas without wired service

// Specifications

Physical Specifications

Ethernet Ports

3 x 10/100Mbps LAN Ports

1 x 10/100Mbps WAN Port

Button

Reset Button

External Power Supply

5V/0.6A

Dimensions (W x D x H)

167 x 118 x 33mm

Antenna

4 * 5dBi

Package Contents

300Mbps Enhanced Wireless N Router

MW325R

Power Adapter

Quick Installation Guide

RJ45 Ethernet Cable

Wireless Specifications

Wireless Standards

IEEE 802.11b/g/n

Frequency

2.4-2.5GHz

Signal Rate

• 11n: Up to 300Mbps (Dynamic)

• 11g: Up to 54Mbps (Dynamic)

• 11b: Up to 11Mbps (Dynamic)

EIRP

<20dBm (EIRP)

Reception Sensitivity

• 270M: -70dBm@10% PER • 11M: -87dBm@10% PER

• 130M: -72dBm@10% PER • 6 M: -92dBm@10% PER

• 5 4M: -74dBm@10% PER • 1 M: -94dBm@10% PER

Wireless Function

Enable/Disable Wireless Radio

Wireless Security

WPA-PSK / WPA2-PSK

Operation Specifications

WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

DHCP

Server, DHCP Client List

Port Forwarding

Virtual Server, UPnP, DMZ

Management

Access Control

Local Management

Remote Management

Firewall Security

IP and MAC Address Binding

Guest Network

2.4GHz Guest Network

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°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 and wireless coverage 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.