

300Mbps Multi-Mode Wireless N Router

Model: MW306R

// Highlights

- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Three 5dBi antennas greatly increase wireless signal strength, size and stability
- Easy Installation - Intuitive webpage guides you through the setup process in minutes
- Multi-Mode - Supports Router, Range Extender, Access Point and WISP modes



Hassle-Free
Installation



IPTV
Supported



IPv6
Supported



Miniature
Design

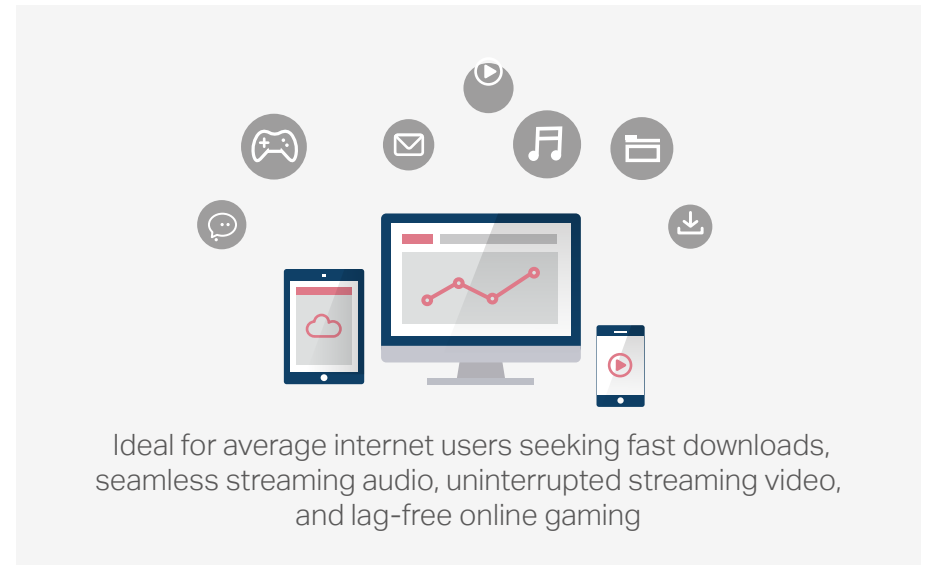


Stable 300 Mbps
Connection

// Applications



Ideal for medium homes 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



QoS

Prioritizes devices you select to perform better



Guest Network

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



IPTV Supported

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



IPv6 Supported

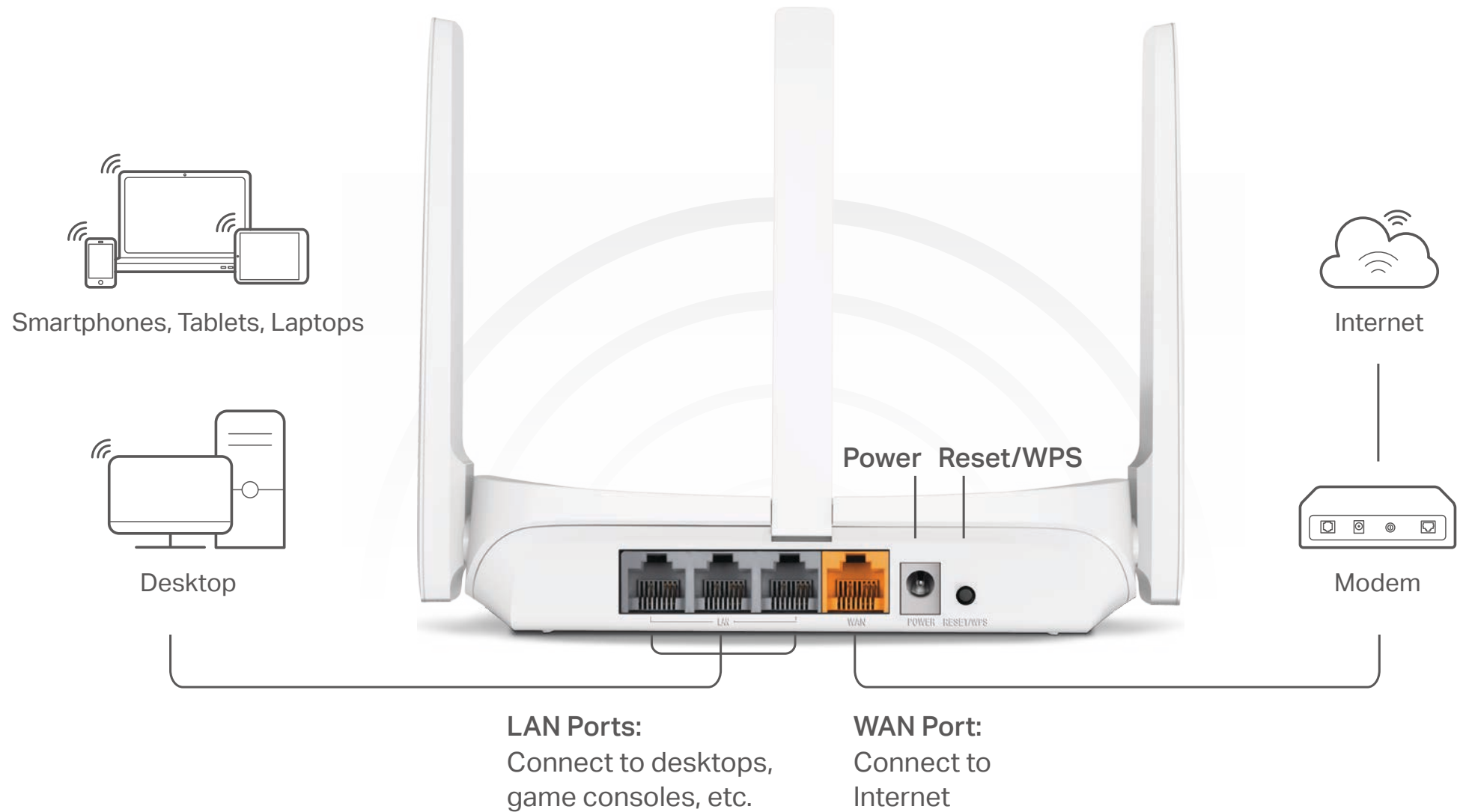
Allows you to enjoy IPv6 services provided by your ISP and visit IPv6 websites



Ease of Use

The simple three-step setup allows you to complete installation in minutes

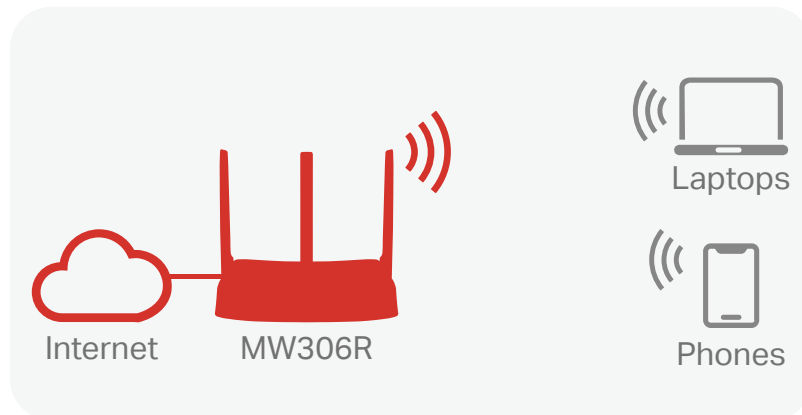
// Connections



// 4 Modes in 1

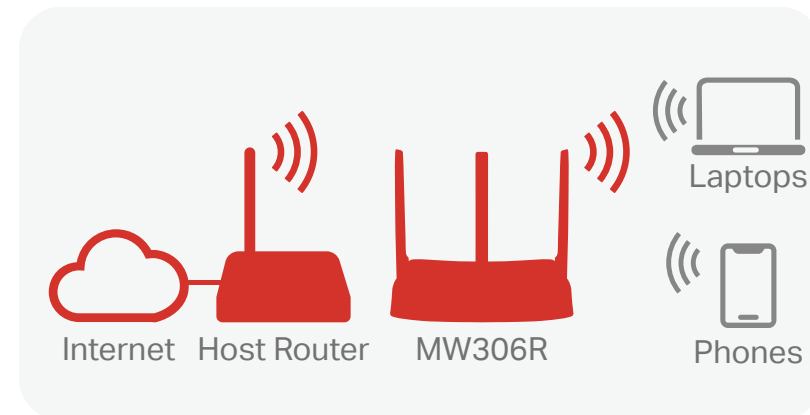
Router Mode

Creates a wireless network to all your Wi-Fi devices



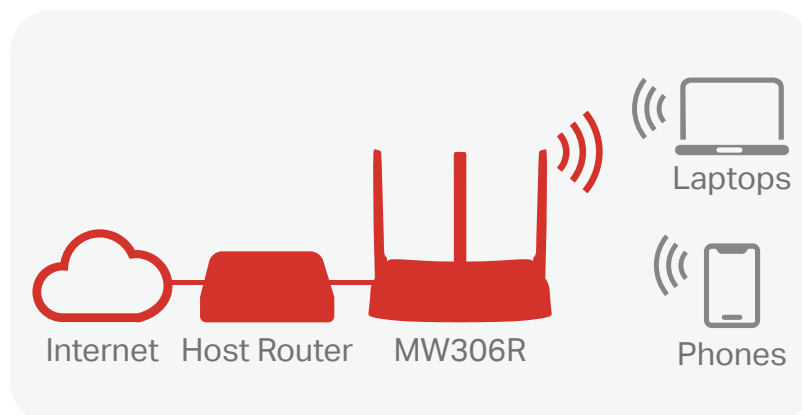
Range Extender Mode

Extends your existing Wi-Fi



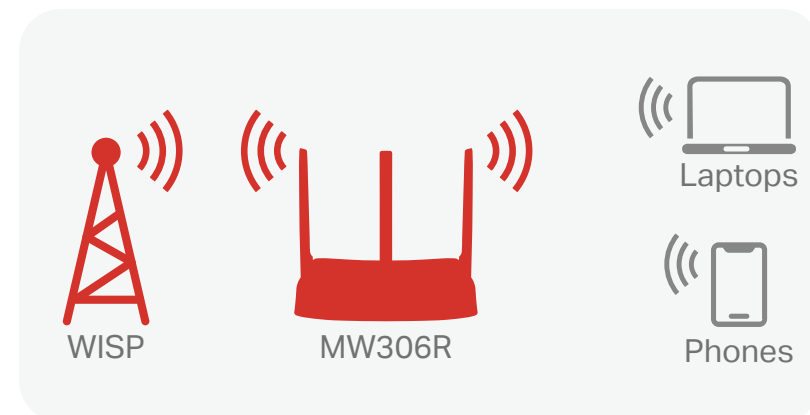
Access Point Mode

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

1*10/100Mbps WAN Port,
3*10/100Mbps LAN Ports

Button

RESET/WPS Button

Antennas

3 * Fixed Antennas

External Power Supply

5V/0.6A

Dimensions (W x D x H)

5.8 × 4.5 × 1.3 in (147 × 115 × 34 mm)

Package Contents

Wi-Fi N Router (MW306R)

Power Adapter

Quick Installation Guide

Ethernet Cable

Wireless Specifications

Wireless Standards

IEEE 802.11 b/g/n

Frequency

2.4-2.5 GHz

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
- 54M: -74dBm@10% PER
- 1 M: -94dBm@10% PER

Wireless Function

Enable/Disable Wireless Radio, WDS Bridging

Wireless Security

WPA-PSK/WPA2-PSK

Operation Specifications

WAN Type

Dynamic IP/Static IP/PPPoE/PPTP/L2TP

DHCP

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

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2020 MERCUSYS TECHNOLOGIES CO., LTD. All rights reserved.

*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.