

# 300Mbps Wireless N Router

Model: MW305R



## // Highlights

- 300Mbps wireless speed is ideal for video streaming, online gaming, and file downloads
- High gain antennas greatly increase wireless signal strength and stability
- 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 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



### Speed

Fast Wireless Speed – Wireless speed up to 300Mbps



### Range

5dBi External Antenna – High gain antennas ensure broad wireless coverage



### Easy App Control

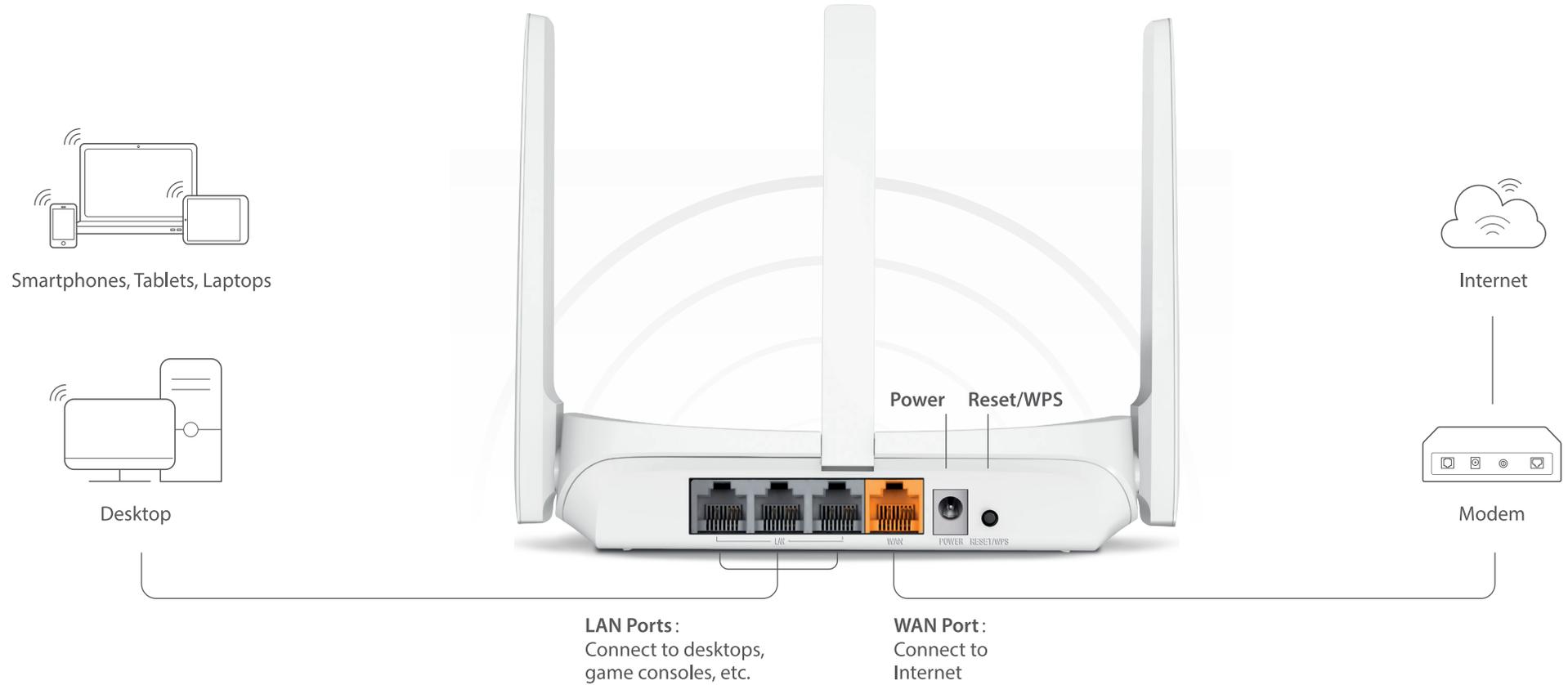
Set up in minutes and manage your Wi-Fi with MERCUSYS App



### Security

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

## // Connections



## // Specifications

### Physical Specifications

#### Ethernet Ports

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

#### Button

RESET/WPS Button

#### External Power Supply

5V/0.6A

#### Dimensions (W x D x H)

147mm×115mm×34mm

#### Antenna

3 \* Fixed Antennas

#### Package Contents

300Mbps Wireless N Router (MW305R)

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)
- 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, 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.