

300Mbps Wireless N Router

Model: MW305R

// Highlights

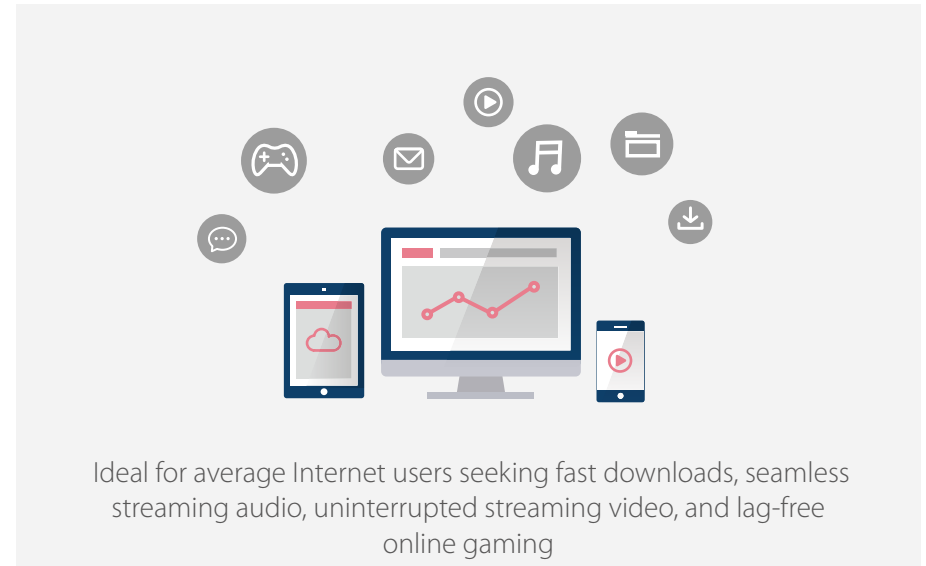
- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Two 5dBi antennas greatly increase wireless signal strength, size and stability
- Easy Installation - Intuitive webpage guides you through the setup process in minutes



// 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

Omni Directional Antennas – Two fixed antennas provide great wireless coverage



Easy Setup

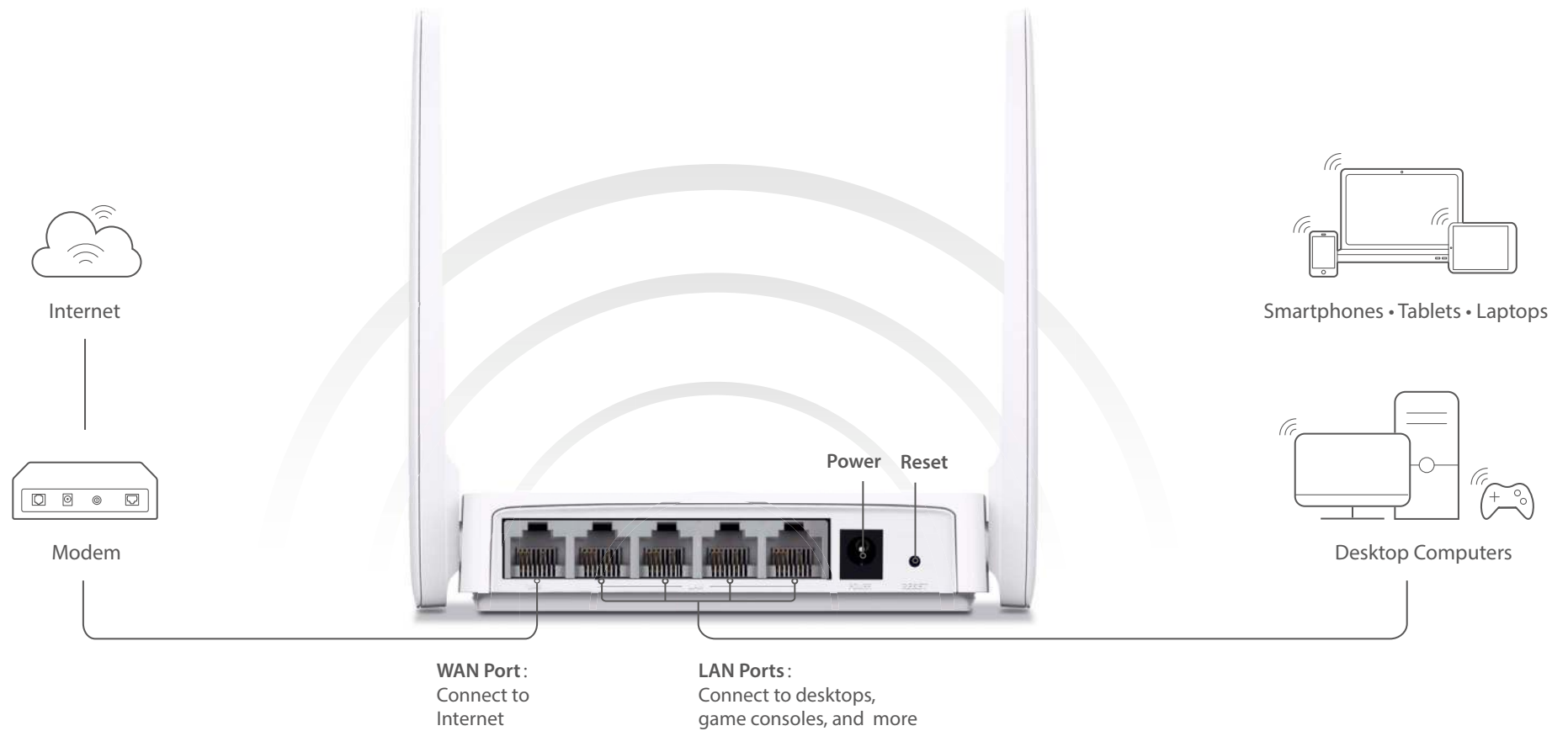
Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation



Security

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

// Connections



// Specifications

Physical Specifications

Ethernet Ports

4*10/100Mbps LAN Ports &
1*10/100Mbps WAN Port

Button

Reset Button

External Power Supply

5V/0.6A

Dimensions (W x D x H)

114mm×94mm×26mm

Antenna

2 * 5dBi

Wireless Specifications

Wireless Standards

IEEE 802.11b/g/n

Frequency

2.4-2.4835GHz

Signal Rate

- 11n: Up to 300Mbps (Dynamic)
- 11g: Up to 54Mbps (Dynamic)
- 11b: Up to 11Mbps (Dynamic)

EIRP

<20dBm (EIRP)

Reception Sensitivity

- 270M: -68dBm@10% PER
- 130M: -68dBm@10% PER
- 108M: -68dBm@10% PER
- 54M: -68dBm@10% PER
- 11M: -85dBm@8% PER
- 6M: -88dBm@10% PER
- 1M: -90dBm@8% PER

Wireless Function

Enable/Disable Wireless Radio, Wireless Statistics

Wireless Security

WPA-PSK / WPA2-PSK

Guest Network

2.4GHz Guest Network

Operation Specifications

WAN Type

Dynamic IP/Static IP/PPPoE

DHCP

Server

Port Forwarding

Virtual Server, UPnP, DMZ

Management

Access Control
Local Management
Remote Management

Firewall Security

IP and MAC Address Binding

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

// Package Contents

1. 300Mbps Wireless N Router (MW305R)
2. Power Adapter
3. Quick Installation Guide
4. Ethernet Cable



For more information, please visit
www.mercusys.com

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