

300Mbps Wireless N Router

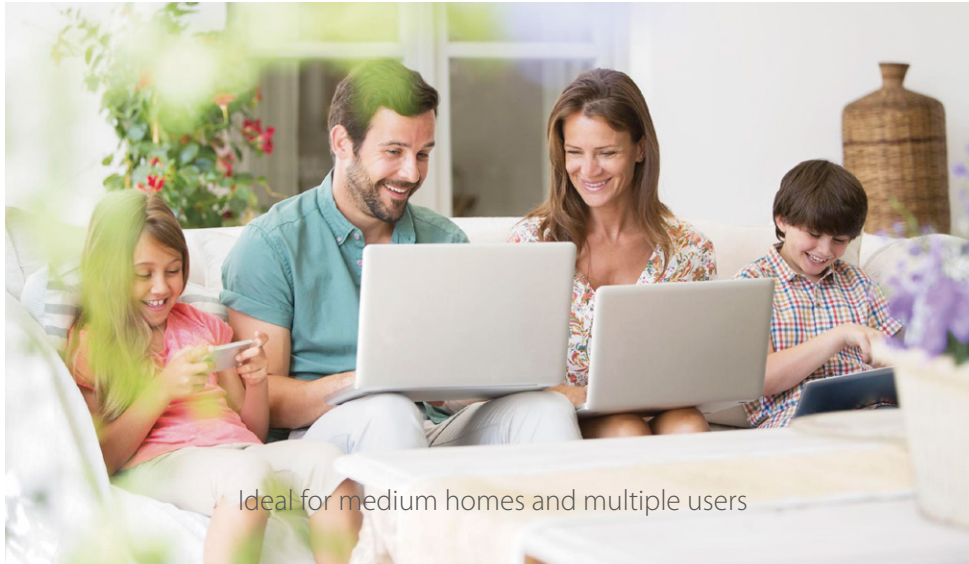
Model: MW301R

// Highlights

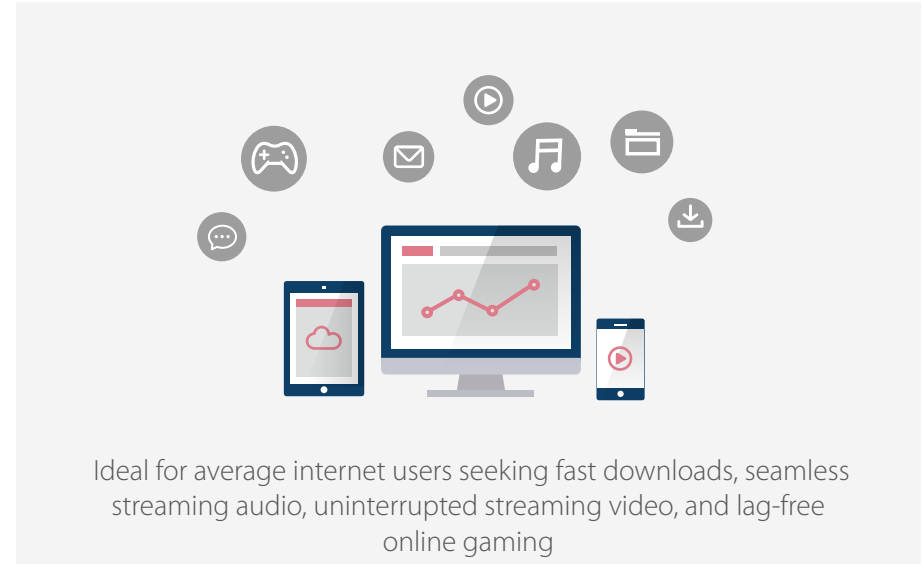
- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Two 5dBi antennas greatly increase wireless signal strength, size and stability
- Easy Installation - Intuitive webpage guides you through the setup process in minutes



// 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

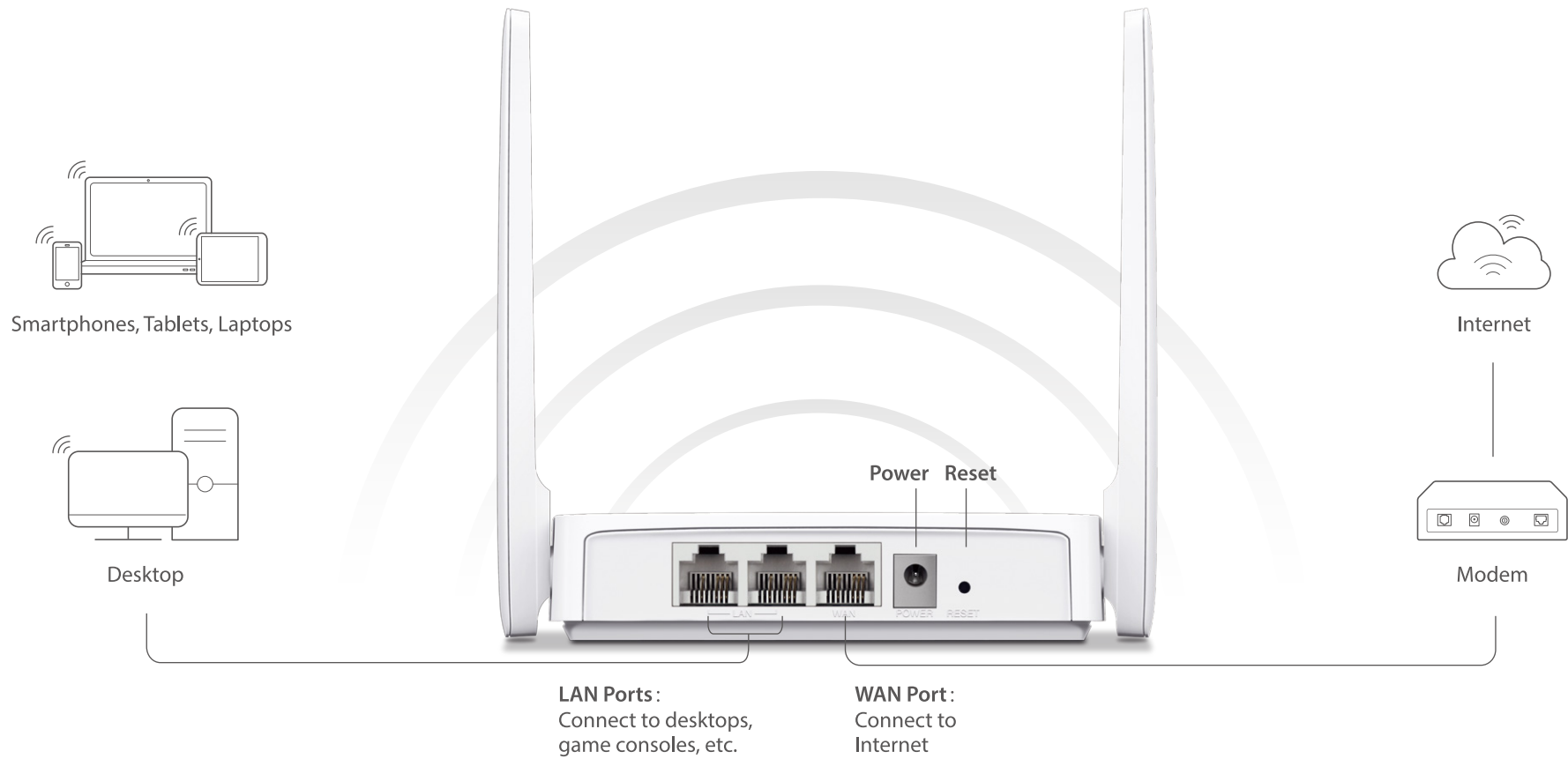
Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation



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

2*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

Package Contents

300Mbps Wireless N Router (MW301R)
Power Adapter
Quick Installation Guide
Ethernet Cable

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: -73dBm@10% PER
- 130M: -75dBm@10% PER
- 54M: -77dBm@10% PER
- 11M: -90dBm@10% PER
- 6 M: -94dBm@10% PER
- 1 M: -96dBm@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

Server

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

Protocols

IPv4, IPv6

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 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.