

# 300Mbps Multi-Mode Wireless N Router

## Model: MW302R

### // Highlights

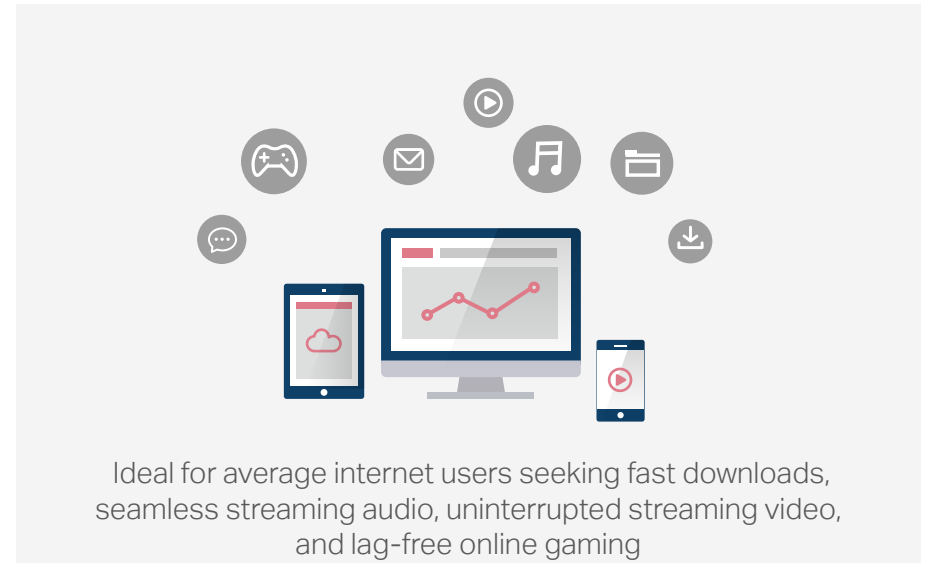
- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Two 5dBi antennas greatly increase wireless signal strength, size and stability
- Easy Installation - Intuitive webpage guides you through the setup process in minutes
- Multi-Mode - Supports Router, Range Extender,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



## // 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



### High-Speed Wi-Fi

Stream your games or videos and download files at speeds of up to 300 Mbps



### Guest Network

Keep your main network secure by creating a separate network for friends and visitors



### Access Control

Establish a whitelist or blacklist to allow or block certain devices from accessing the internet



### 5 dBi External Antennas

High gain antennas ensure broad wireless coverage



### Ease of Use

Easy three-step setup allows you to complete the installation in minutes



### Security

WPA-PSK/WPA2-PSK encryptions provide active protection against security threats



### Parental Control

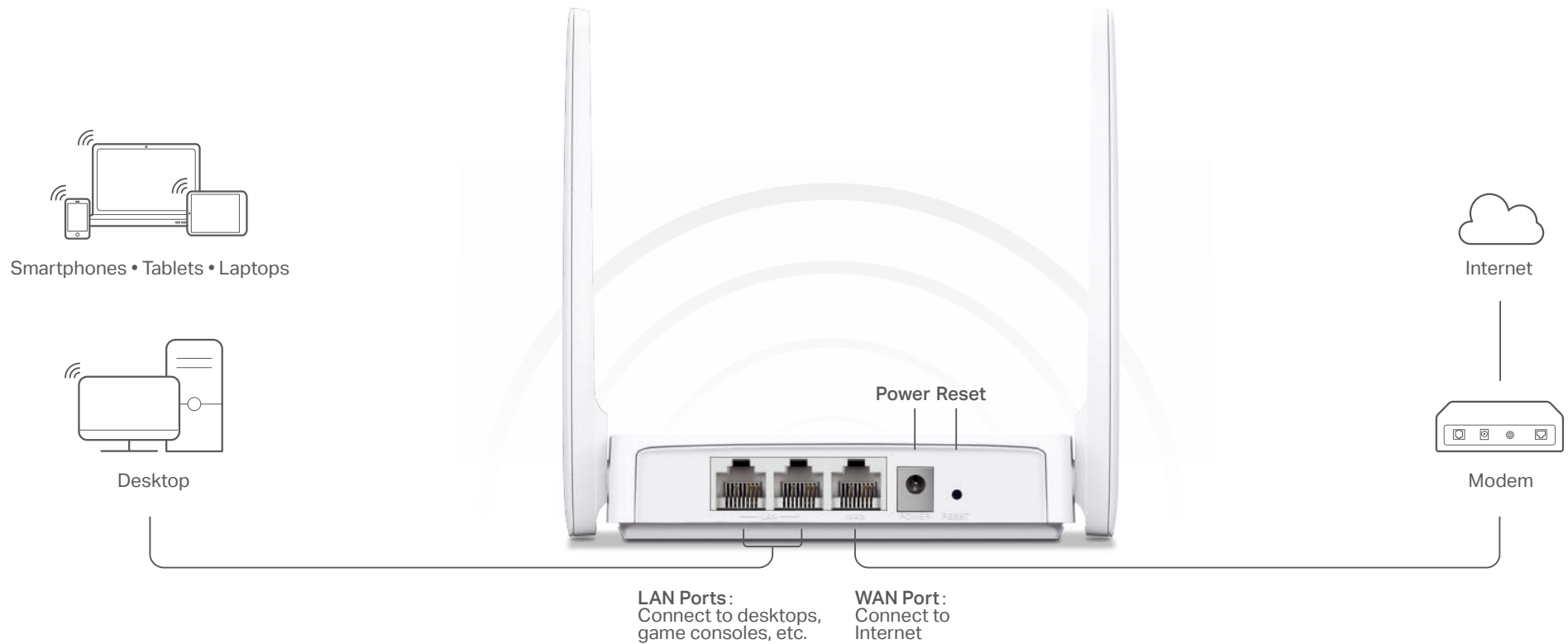
Parents can establish appropriate access policies to protect children



### Wi-Fi Schedule

Disable the wireless signal during a specific period

## // 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 ( MW302R )  
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.