

# 300Mbps Enhanced Wireless N Router

Model: MW325R

## // Highlights

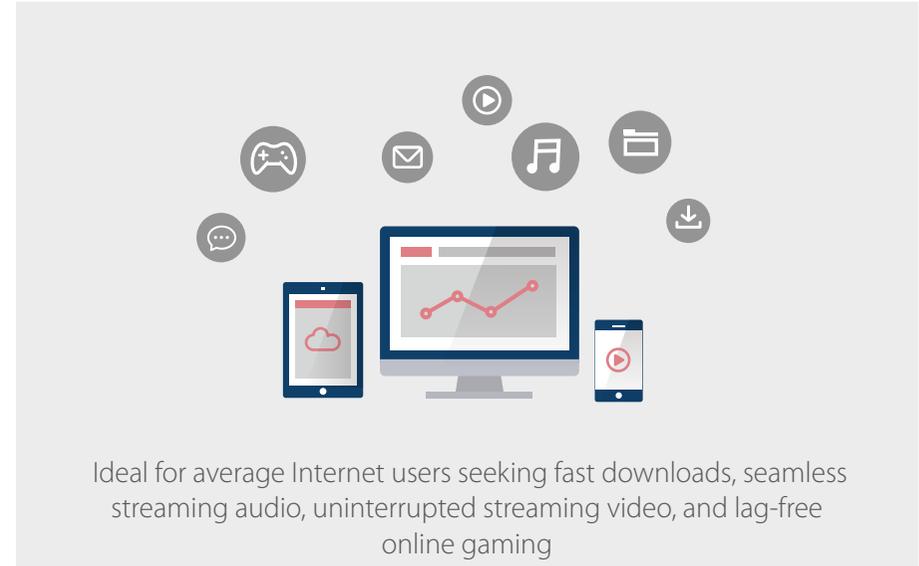
- Maximum Coverage – Four 5dBi antennas provide up to 500m<sup>2</sup> of wireless coverage
- Enhanced Signal – High gain antennas dramatically increase the strength and stability of the wireless signal
- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Easy Installation - Intuitive webpage guides you through the setup process in minutes



## // Applications



Ideal for large homes with multiple rooms 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

Four Omni Directional Antennas – Four fixed antennas provide maximum wireless coverage  
Enhanced Signal – High quality antennas are arranged to boost wireless performance



### Easy Setup

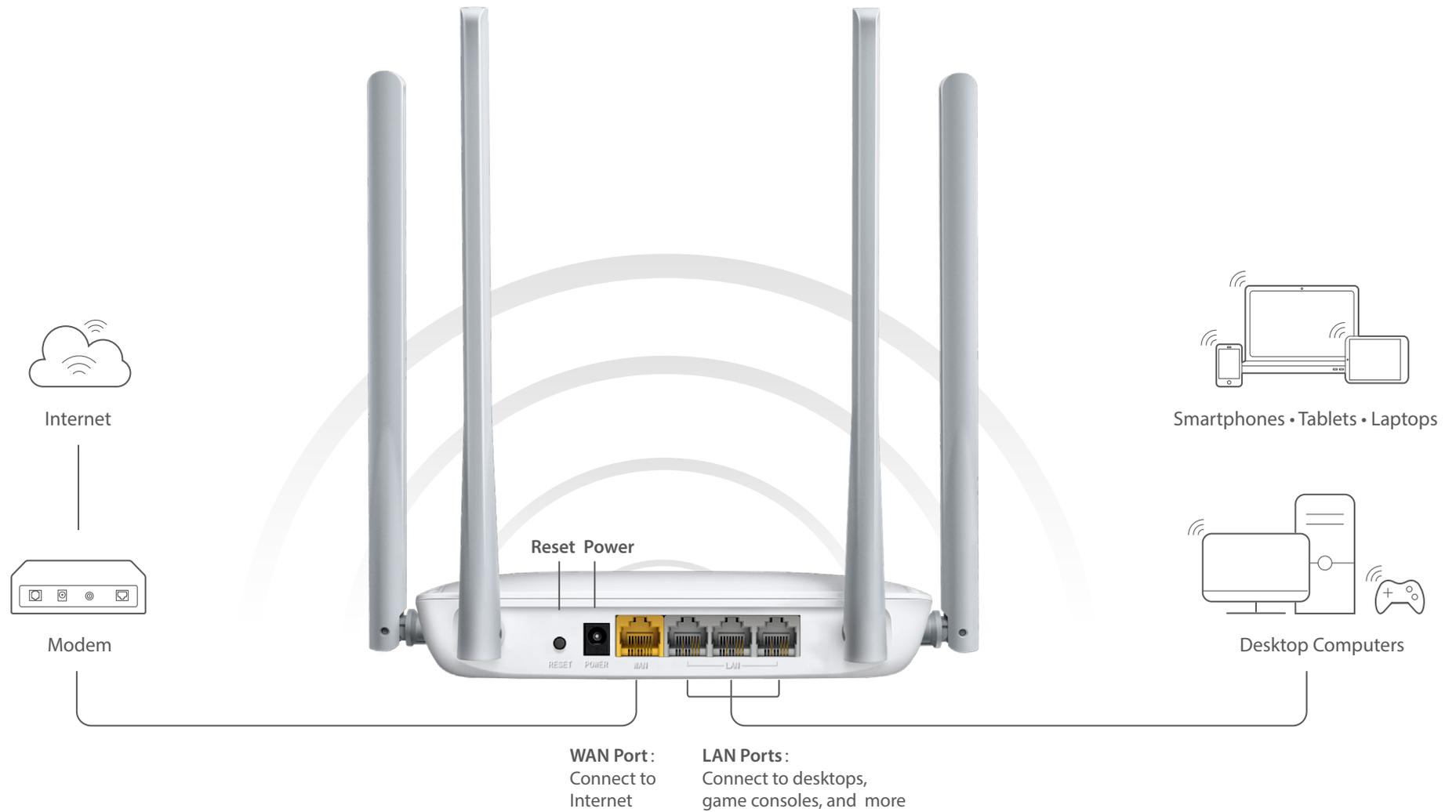
Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation



### Security

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

## // Connections



## // Maximum Wi-Fi Coverage

The MW325R provides wider coverage and more stable wireless performance by precisely arranging four 5dBi antennas that feature advanced antenna technology. You can enjoy smooth streaming, gaming, and browsing from any room in your home.



\* Range specifications are based on performance test results. Real performance varies in accordance with applications and environmental conditions.

## // Specifications

### Physical Specifications

#### Ethernet Ports

3 x 10/100Mbps LAN Ports  
1 x 10/100Mbps WAN Port

#### Button

Reset Button

#### External Power Supply

5V/0.6A

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

167 x 118 x 33mm

#### Antenna

4 \* 5dBi

#### Package Contents

300Mbps Enhanced Wireless N Router  
MW325R  
Power Adapter  
Quick Installation Guide  
RJ45 Ethernet Cable

### Wireless Specifications

#### Wireless Standards

IEEE 802.11b/g/n

#### Frequency

2.4-2.5GHz

#### 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
- 130M: -72dBm@10% PER
- 5 4M: -74dBm@10% PER
- 11M: -87dBm@10% PER
- 6 M: -92dBm@10% PER
- 1 M: -94dBm@10% PER

#### Wireless Function

Enable/Disable Wireless Radio, WDS Bridge

#### Wireless Security

WPA-PSK / WPA2-PSK

### Operation Specifications

#### WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

#### 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