300Mbps Wireless N Router
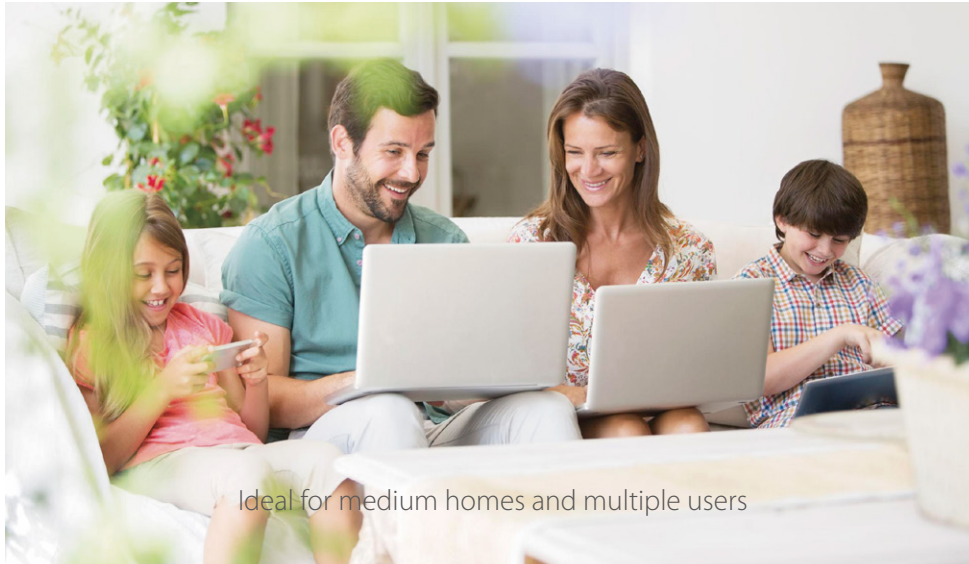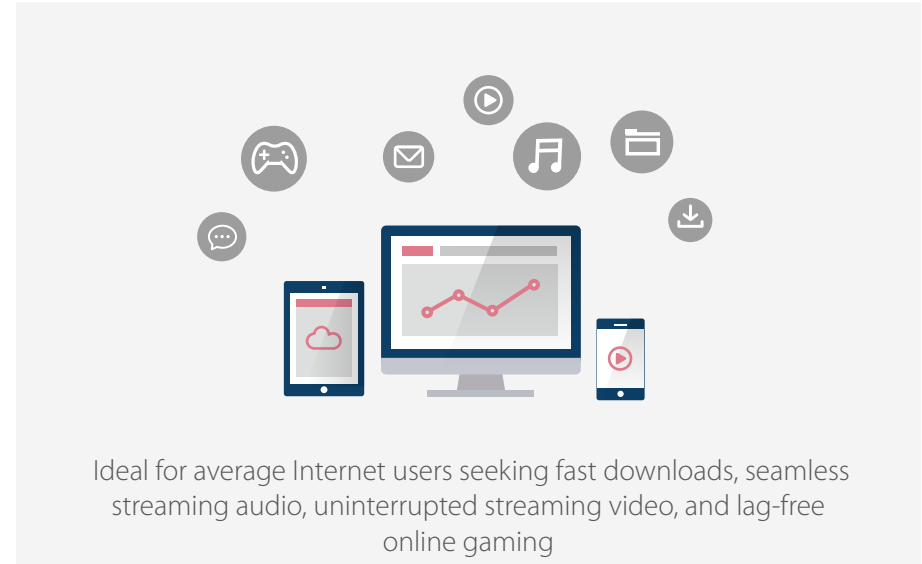## Model: MW301R

// 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
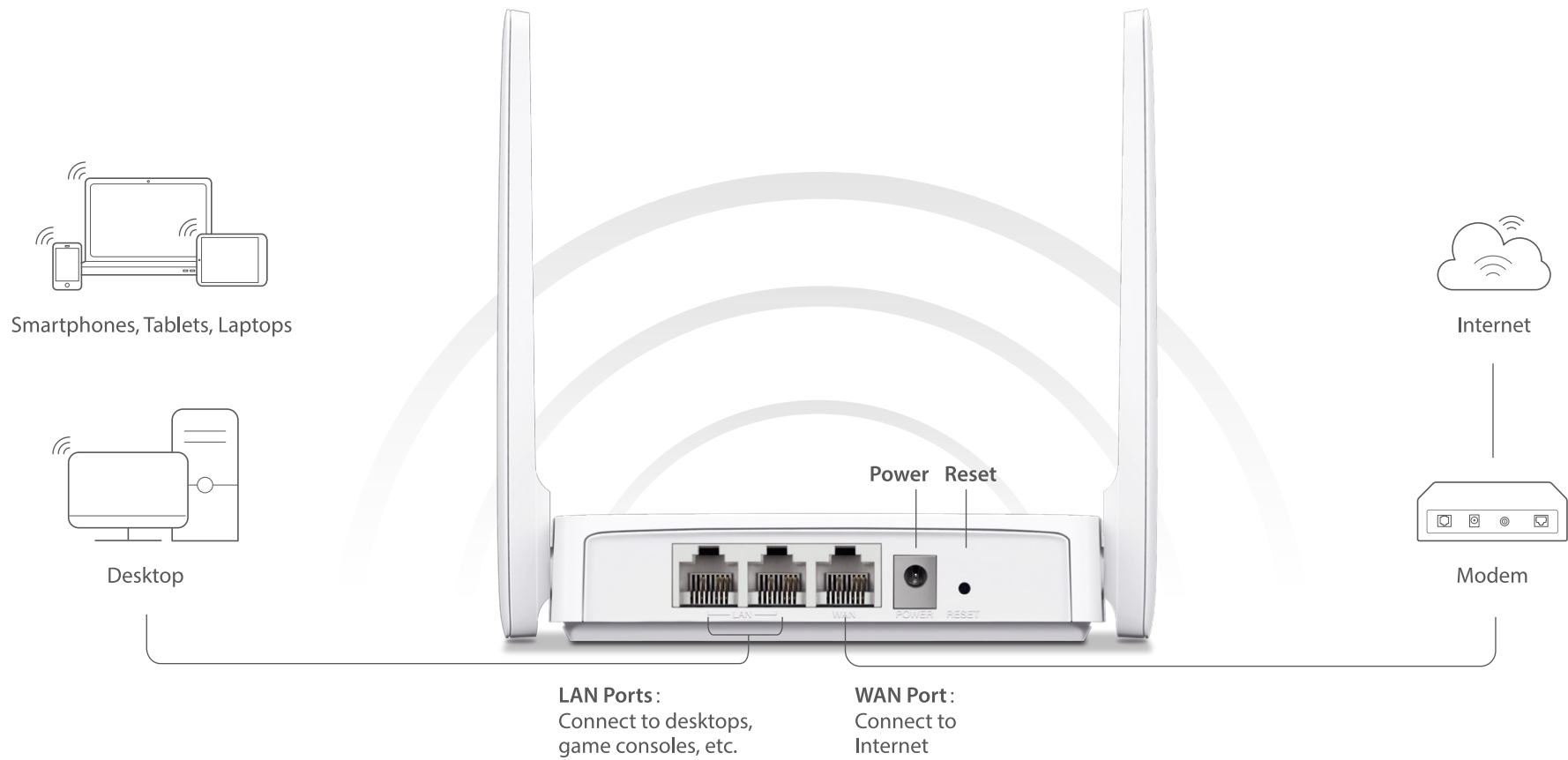
Easy Setup

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

Security

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

// Connections

Smartphones, Tablets, Laptops

Desktop

Internet

Modem

Power   Reset

LAN Ports :
Connect to desktops,
game consoles, etc.

WAN Port :
Connect to
Internet

// 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: -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
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

Environment
• Operating Temperature: 0℃~40℃ (32°F~104°F)
• Storage Temperature: -40℃~70℃ (-40°F~158°F)
• Operating Humidity: 10%~90% Non-Condensing
• Storage Humidity: 5%~90% Non-Condensing