300Mbps Wireless N ADSL2+ Modem Router
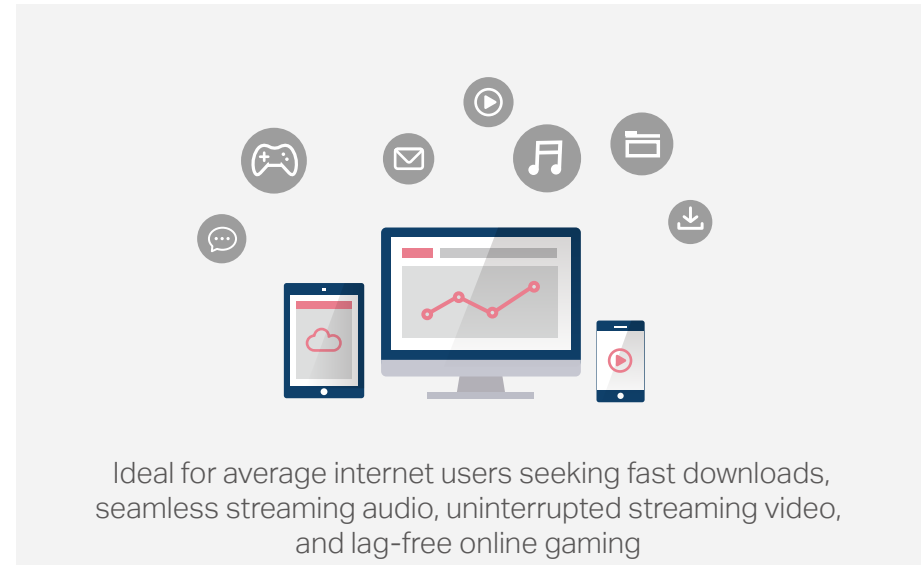## Model: MW300D

// Highlights

- All-in-One Device: ADSL2+ Modem, NAT Router, 3-Port Switch and Wireless N Access Point

- 300Mbps Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads

- Two fixed high performance antennas greatly increase wireless signal strength, coverage 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

High-Speed Wi-Fi
Stream your games or videos and download files at speeds of up to 300 Mbps

Boost Wi-Fi Range
Two fixed external antennas ensure broad wireless coverage

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

Guest Network
Provides separate networks for you and your guests to ensure safety
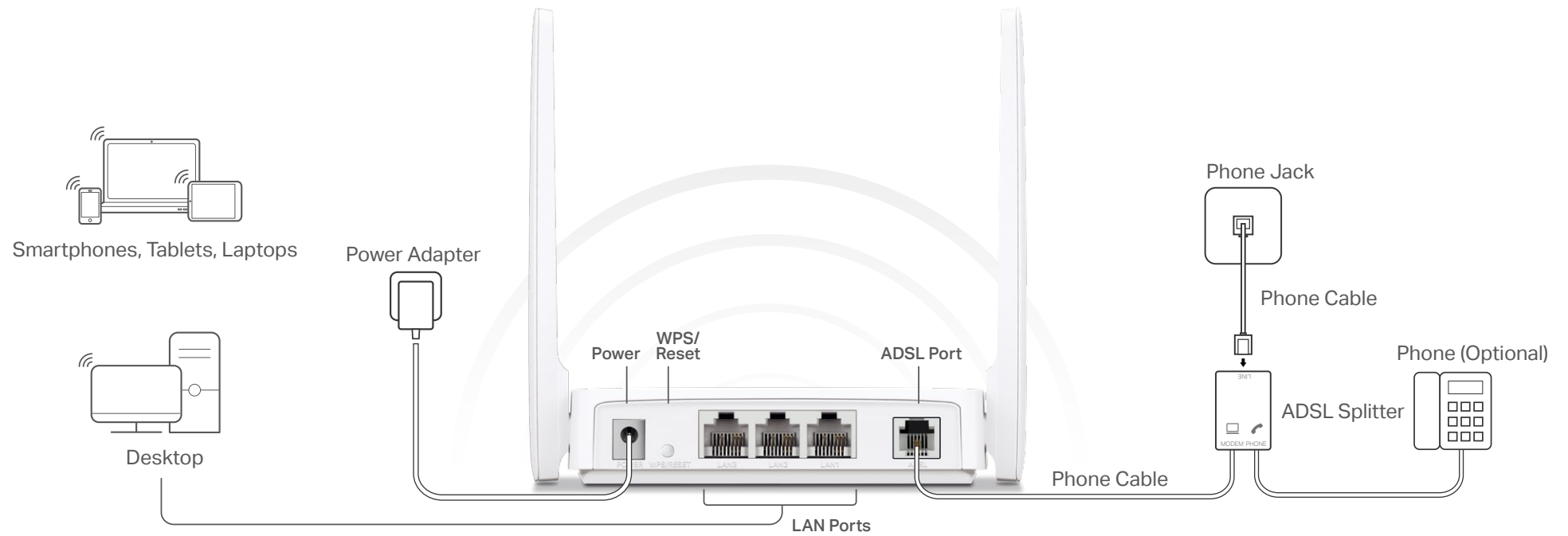
WPS Button
Easily set up an encrypted wireless connection at a push of WPS button

Personalized Security
WPA/WPA2 encryption standards ensure your wireless connection is safe from intruders.

// Connections

Smartphones, Tablets, Laptops

Desktop

Power Adapter

Power

WPS/
Reset

LAN Ports

ADSL Port

Phone Cable

Phone Jack

Phone Cable

Phone (Optional)

ADSL Splitter

LINE

MODEM PHONE

// Specifications

Physical Specifications

Ethernet Ports
3*10/100Mbps LAN Ports
1*RJ11 Port

Button
WPS/Reset Button

External Power Supply
9V/0.6A

Dimensions (W x D x H)
114 x 94 x 26 mm

Antenna
2* 3dBi

Package Contents
• 300Mbps Wireless N ADSL2+
  Modem Router (MW300D)
• Power Adapter
• Quick Installation Guide
• 2× RJ11 Phone Cable
• RJ45 Ethernet Cable
• External DSL Splitter

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

Wireless Function
Enable/Disable Wireless Radio

Wireless Security
WPA-PSK / WPA2-PSK

Operation Specifications

DHCP
Server

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