# tp-link

# AC1200 Wireless Dual Band 4G LTE Router

Share Your 4G LTE Network

Archer MR402

4G(TDD&FDD)/3G Compatible

300 Mbps + 867 Mbps Dual Band Wi-Fi†
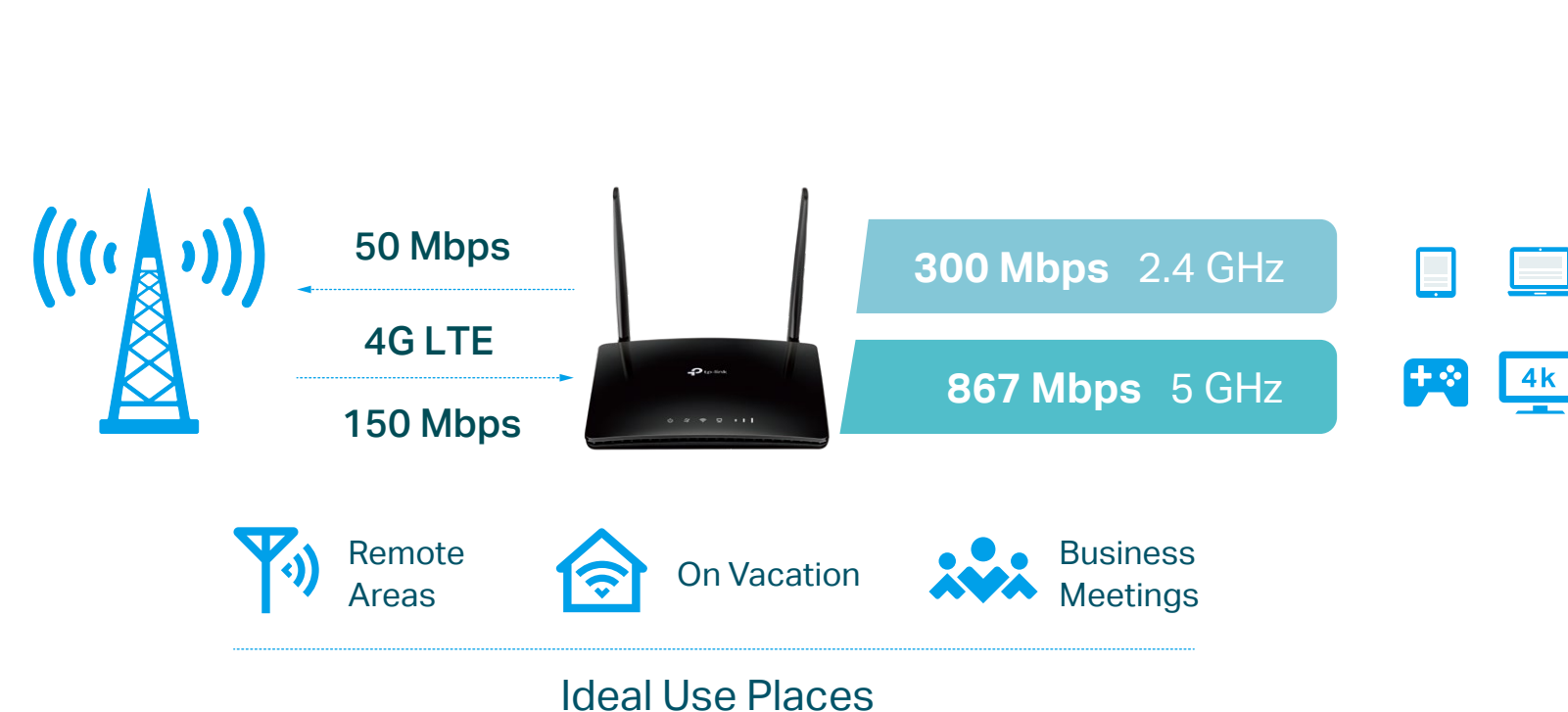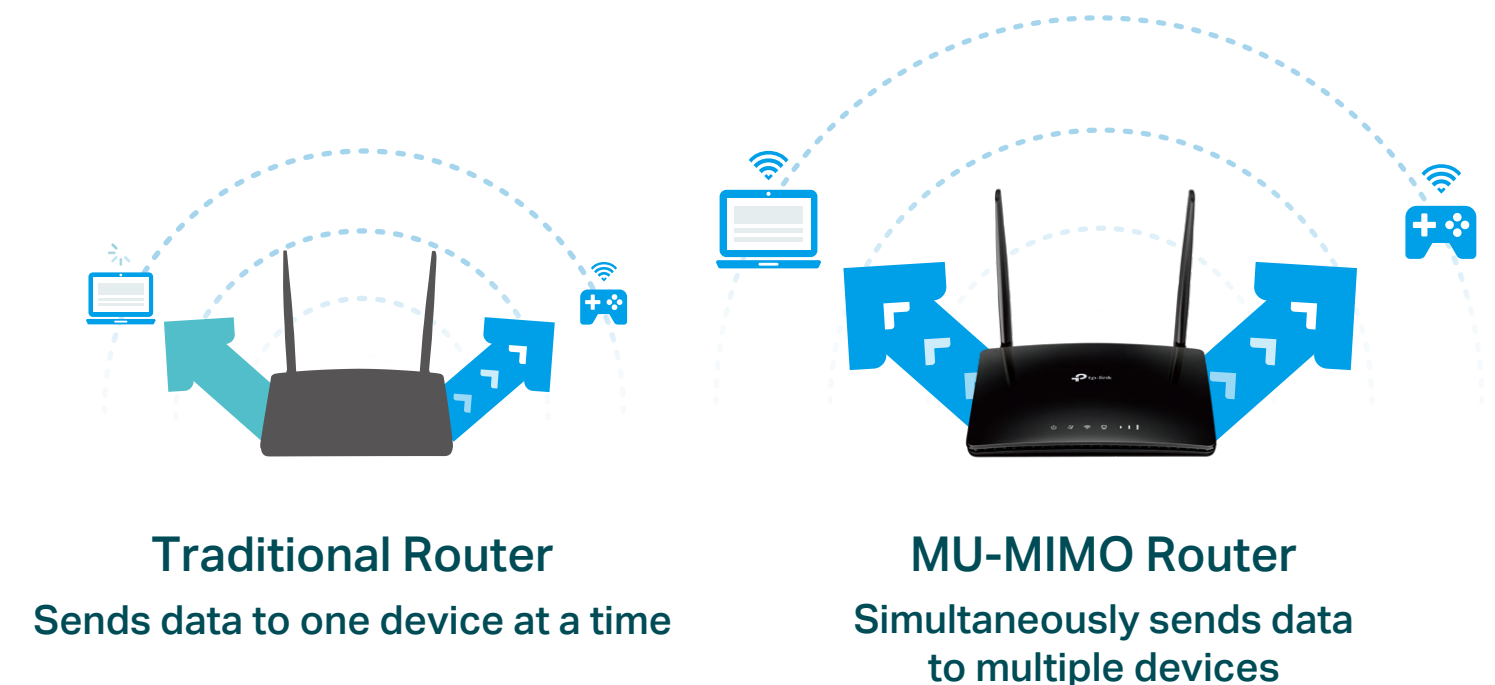
MU-MIMO for More Efficiency‡

# Highlights

## Superfast 4G LTE Speed & Stream-Ready AC Wi-Fi

The Archer MR402 uses 4G LTE technology to achieve speeds of up to 150 Mbps download and 50 Mbps upload. It also shares a simultaneous dual band Wi-Fi network with maximum speeds of 300 Mbps on 2.4 GHz and 867 Mbps on 5 GHz for gaming, streaming and more.[†]

## MU-MIMO for More Efficiency

MU-MIMO technology serves multiple devices at once, reducing wait time, increasing Wi-Fi throughput for every device, and making each stream more efficient.[‡]



50 Mbps

4G LTE

150 Mbps

300 Mbps   2.4 GHz

867 Mbps   5 GHz

4k

Remote Areas

On Vacation

Business Meetings

Ideal Use Places



**Traditional Router**
Sends data to one device at a time

**MU-MIMO Router**
Simultaneously sends data to multiple devices

# Highlights

## Plug and Play

Simply insert your 3G/4G nano SIM card into the built-in slot, turn on the MR402 and start surfing.
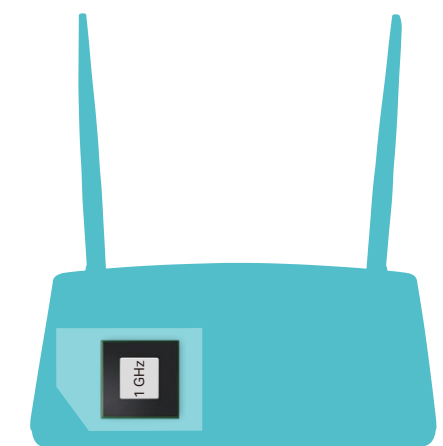
**nano SIM Card**          **Start Surfing!**

## More Devices, More Stability

Connect up to 64 wireless devices with ease, thanks to a powerful processor that boosts data transfer speeds while ensuring dependable network stability.

**Up to**
**64**
**Devices**

1 GHz

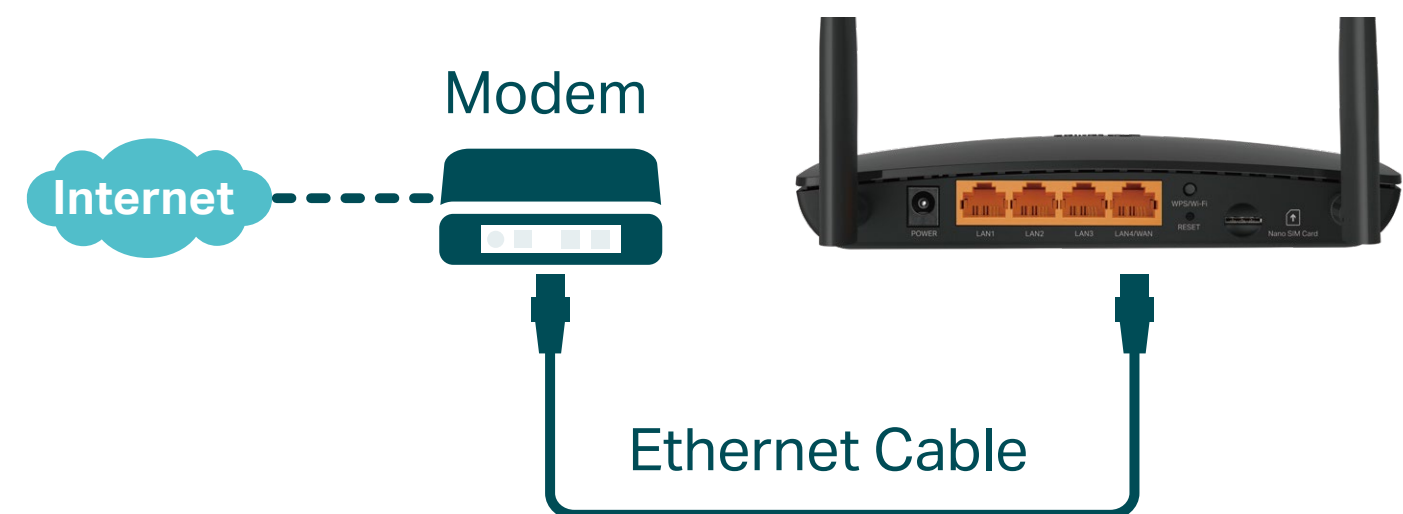Powerful CPU

# Highlights

## Support TP-Link OneMesh™

Co-work with TP-Link OneMesh products, to provide a more flexible and cost-effective Mesh network with a single Wi-Fi name for seamless whole-home coverage.

*OneMesh Range Extender or Powerline Adapter sold separately.

**Whole-Home Mesh Wi-Fi**

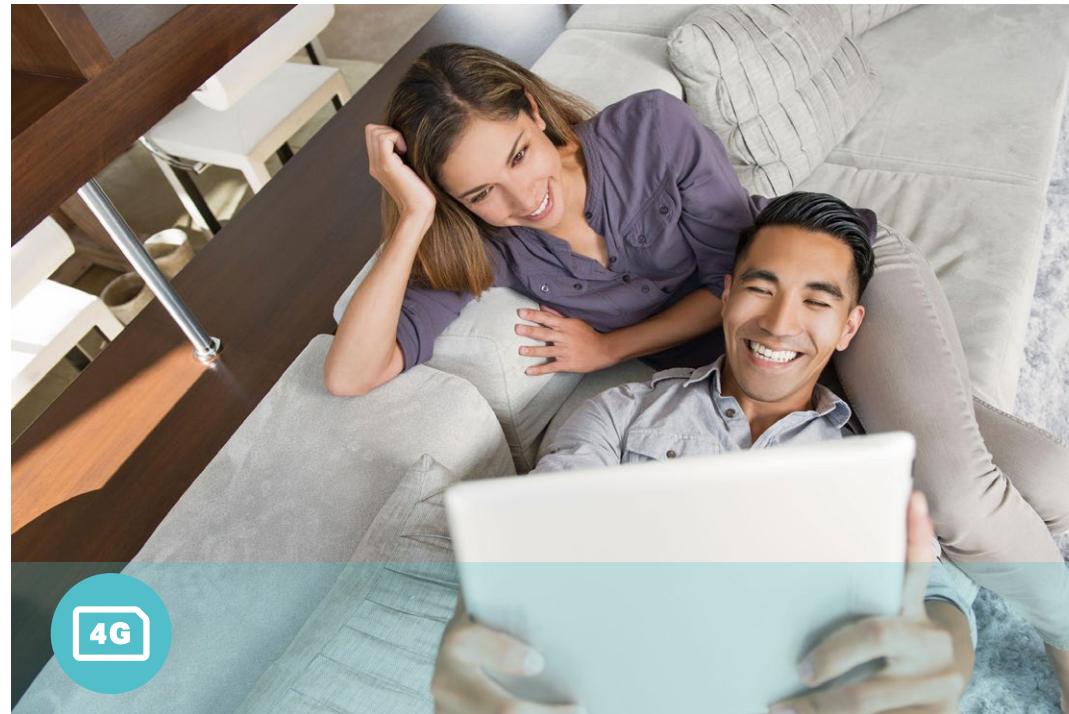Range Extender          Archer MR402          Scan for compatible products

## Available WAN Connection

The WAN/LAN port enables MR402 to work as a traditional wireless router which is compatible with cable, fiber, and DSL modems. And when it's set as a wireless router, its 3G/4G connection works as a backup to provide a sustained and reliable internet connection for you.

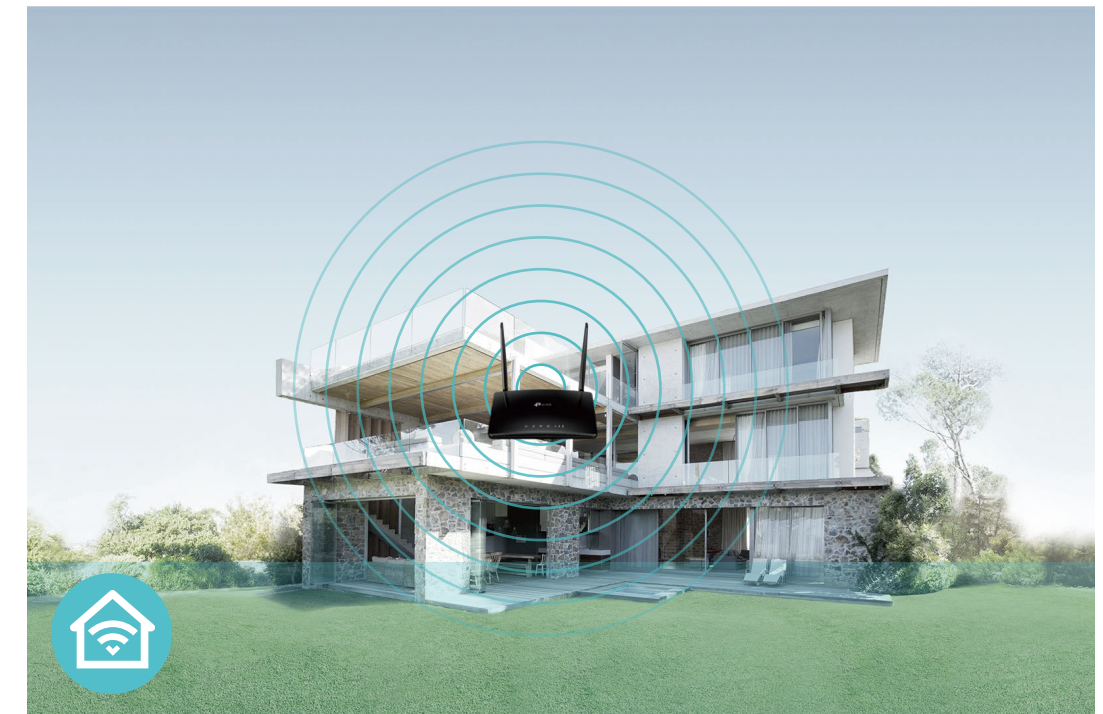Internet          Modem          Ethernet Cable

# Features

## 4G LTE

· 4G LTE – Ideal for cutting-edge 4G LTE network

· Backward Compatible – Compatible with 3G network

## Wi-Fi Speed

· Superior Wireless Speed – Combined wireless speeds up to 300 Mbps over 2.4 GHz, and 867 Mbps over 5 GHz

· 802.11 ac Standard– Provides a data transfer rate 3 times faster than 802.11n for each stream

## Wi-Fi Range

· Great Coverage – Better coverage with integrated Wi-Fi omnidirectional antennas
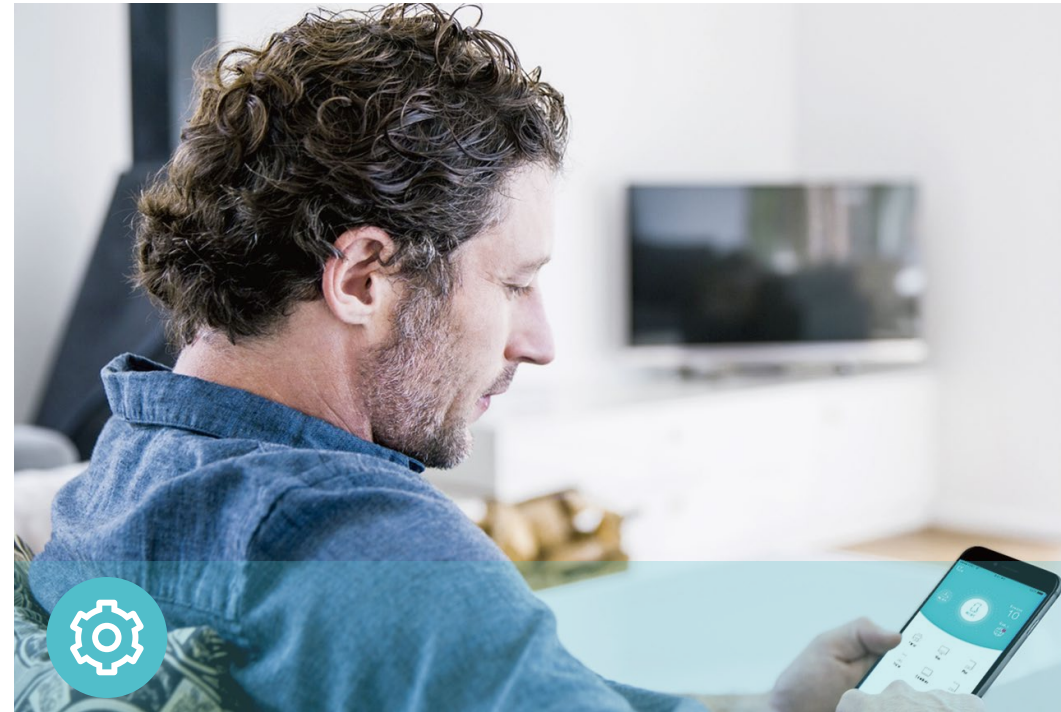
# Features

## Reliability

· **Simultaneous Dual Band –** Separate Wi-Fi bands enable more devices to connect to your network without a drop in performance

· **Easy Bandwidth Management –** Advanced QoS makes it easier for you to manage the bandwidth of connected devices

· **Superior Stability –** Powerful processor enables you to connect up to 64 wireless devices with ease

## Ease of Use

· **Intuitive Web UI –** Ensures quick and simple installation without hassle

· **Fast Encryption –** One-touch WPA wireless security encryption with the WPS button

· **Wi-Fi On/Off –** Conveniently turn on or off wireless radios as required

· **Hassle-free Management with Tether App –** Network management is made easy with the TP-Link Tether App, available on any Android and iOS device

· **Online Upgrade –** Keeps you informed of the latest firmware and allows online upgrade on the web UI
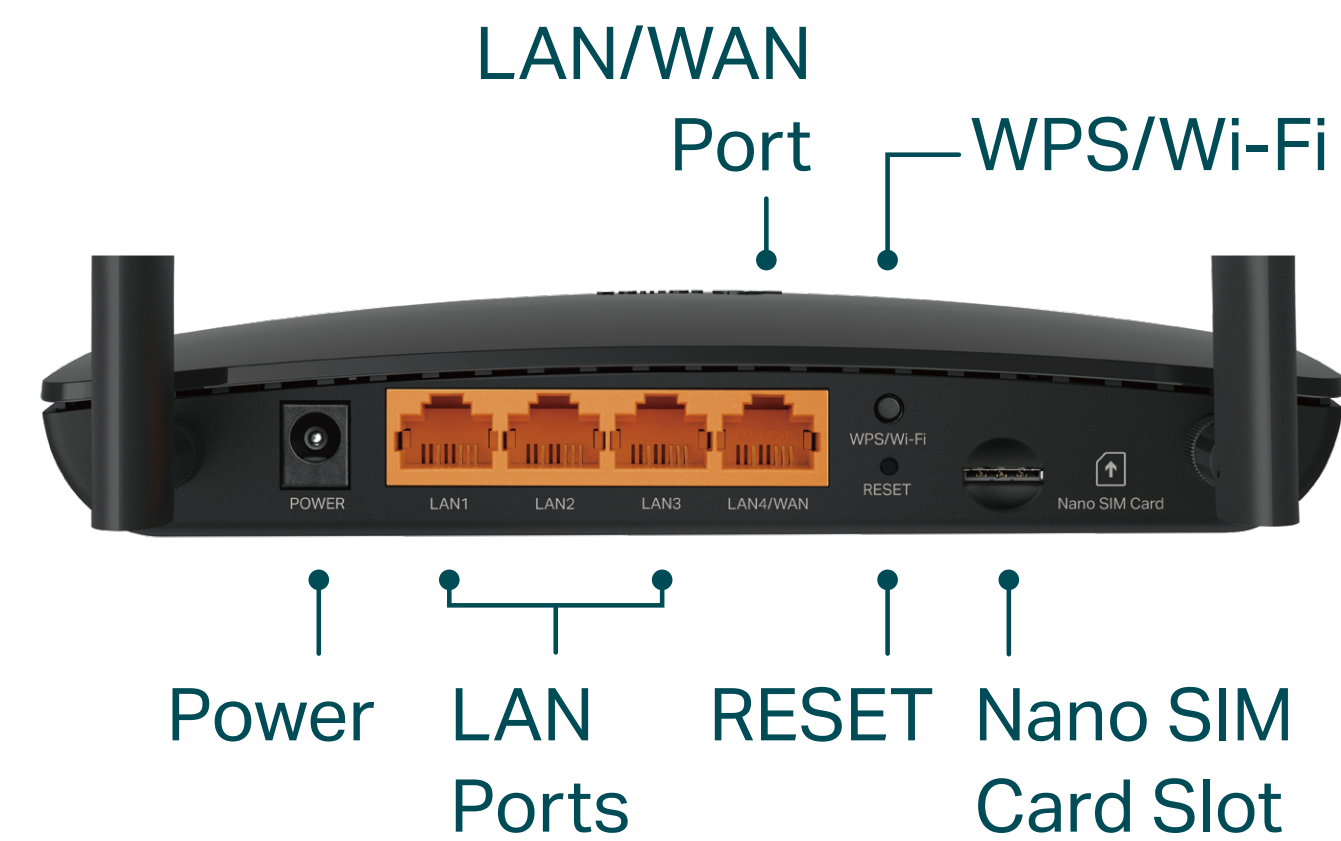
## Security

· **Guest Network –** Keeps your main network secure by creating a separate network for friends and visitors

· **Access Control –** Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet

· **Parental Controls –** Restrict internet access time and contents for your children's devices

· **Encryptions for Secure Network –** WPA-PSK and WPA2-PSK encryptions provide active protection against security threats

# Specifications

## Hardware

· Interface: 3 10/100Mbps LAN Ports, 1 10/100Mbps LAN/WAN Port, 1 nano SIM Card Slot

· Buttons: WPS/Wi-Fi Button, RESET Button

· Antennas: 2 Detachable External 4G LTE Antennas

· External Power Supply: 12V/1A

· Dimensions (W x D x H): 6.85 × 4.9 × 1.32 in (174 × 124.5 × 33.5 mm)

LAN/WAN Port · WPS/Wi-Fi

Power · LAN Ports · RESET · Nano SIM Card Slot

## Wireless

· Network Type

4G: FDD-LTE B1/B3/B5/B7/B8/B20/B28 (2100/1800/850/2600/900/800/700 MHz)

TDD-LTE B38/B40/B41 (2600/2300/2500 MHz)

3G: DC-HSPA+/HSPA+/HSPA/UMTS B1/B5/B8 (2100/850/900 MHz)

· Wireless Standards: IEEE 802.11a/n/ac 5 GHz, IEEE 802.11b/g/n 2.4 GHz

· Frequency: 2.4 GHz and 5 GHz

· Signal Rate: 300 Mbps at 2.4 GHz, 867 Mbps at 5 GHz

· EIRP (CE): < 20 dBm (2.4 GHz), < 23 dBm (5 GHz)

· Reception Sensitivity:

5 GHz:

11a 54M: -77 dBm

| | |
|---|---|
| 11ac VHT20 MCS0: -95.5 dBm | 11ac VHT20 MCS8: -73 dBm |
| 11ac VHT40 MCS0: -93 dBm | 11ac VHT20 MCS9: -68 dBm |
| 11ac VHT80 MCS0: -90 dBm | 11ac VHT20 MCS9: -65 dBm |

2.4 GHz:

11g 54M: -74.5 dBm

| | |
|---|---|
| 11n HT20 MCS0: -92 dBm | 11n HT20 MCS7: -73 dBm |
| 11n HT40 MCS0: -89 dBm | 11n HT40 MCS7: -70 dBm |

· Wireless Function: Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics

· Wireless Security: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions

# Specifications

## Software

· Operating Modes: 3G/4G Router, Wireless Router

· WAN Type: Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)

· DHCP: Server, DHCP Client List, Address Reservation

· Quality of Service: Bandwidth Control

· Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

· Dynamic DNS: DynDns, NO-IP

· VPN Server: PPTP VPN, OpenVPN

· Firewall Security: DoS, SPI Firewall, IP and MAC Address Binding

· Protocols: IPv4, IPv6

· Management: Access Control, Local Management, Remote Management, reboot schedule

· Guest Network: 2.4 GHz guest network x 1, 5 GHz guest network x 1

## Others

· Certification:

  CE, RoHS

· Requirements:

  Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser

  *You are recommended to use the latest version

  nano SIM Card

· Environment:

  Operating Temperature: 0℃~40℃ (32℉ ~104℉)

  Operating Humidity: 10%~90% non-condensing

  Storage Humidity: 5%~90% non-condensing

· Package Contents

  AC1200 Wireless Dual Band 4G LTE Router  Archer MR402

  RJ45 Ethernet Cable

  Power Adapter

  Quick Installation Guide

For more information, please visit

https://www.tp-link.com/products/details/?model=Archer+MR402_V1

or scan the QR code left

**www.tp-link.com**