tp-link

AC1750
Wireless Dual Band
Gigabit Router

High-Speed Wi-Fi for Faster
Connections Across Your Home

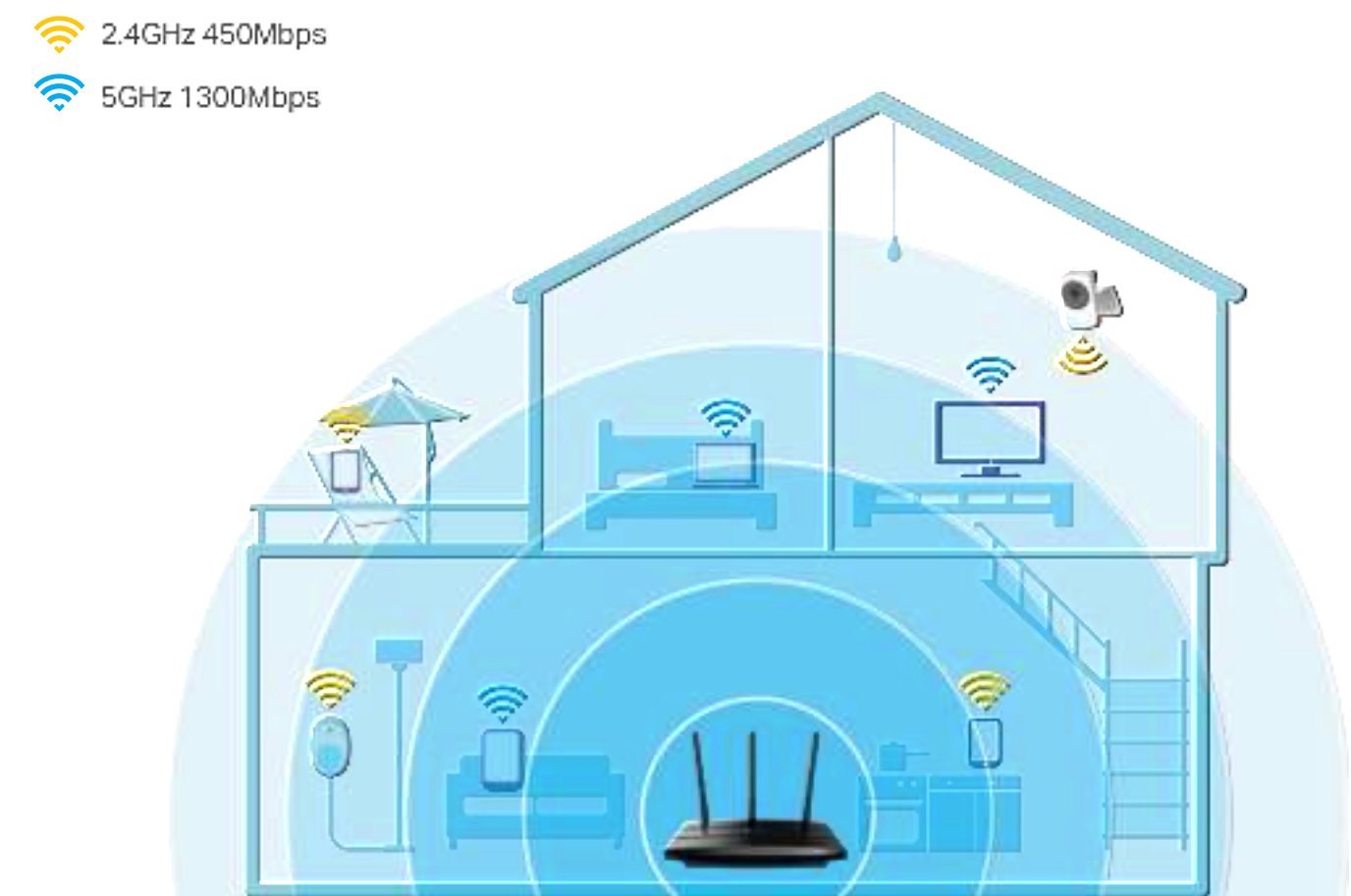**Archer** A7

450Mbps + 1300Mbps | Gigabit Ports | USB 2.0 Port

Highlights

Dual Band Wi-Fi
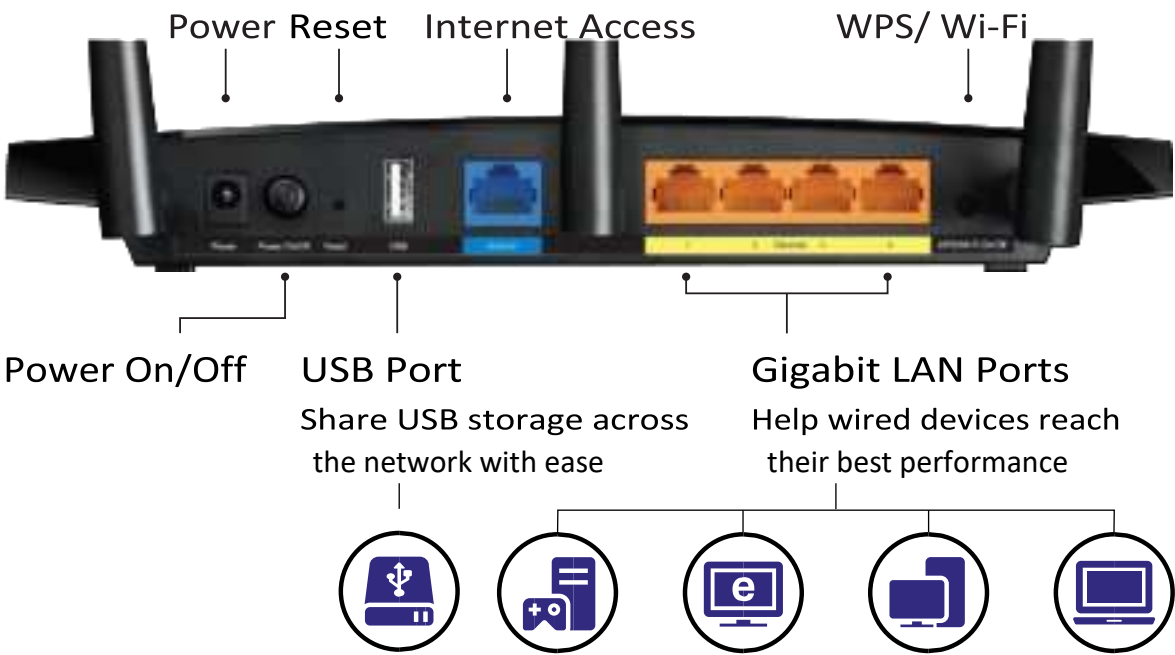
Faster, More Reliable Wi-Fi

The Archer A7 covers your home with fast dual band Wi-Fi. The strong 2.4GHz (450Mbps) Wi-Fi band is perfect for sending emails, browsing the web and listening to music. The 5GHz band reaches 1300Mbps so you can game and stream in HD at the same time without interruption.

2.4GHz 450Mbps

5GHz 1300Mbps

The Archer A7's USB 2.0 port makes it easy to connect external drives to the router, letting you quickly share files, photos, video, and music wirelessly. Achieve peak

Powerful Connections

performance with your wired devices through Gigabit Ethernet ports that can operate 10× faster than standard Ethernet.

Power Reset   Internet Access   WPS/ Wi-Fi

Power On/Off   USB Port   Gigabit LAN Ports
            Share USB storage across   Help wired devices reach
             the network with ease   their best performance

Better Coverage

Three external omni directional antennas create strong, clear and dependable Wi-Fi

throughout your home.

Highlights

Intuitive Web Interface

TP-Link
Tether

Easy Setup and Use

Installation is simple, thanks to an intuitive web interface and the powerful TP-Link app, Tether.

Highlights

OneMesh™: Flexibly Create a Whole-Home Wi-Fi

Create a Mesh network by connecting one or more OneMesh™ range extenders to your Archer A7 for seamless whole-home coverage.

Wi-Fi Dead-Zone Killer

Eliminate weak signal areas with Wi-Fi coverage for the whole house.

Smart Roaming

Enjoy uninterrupted streaming, surfing and more — even when moving around your home.
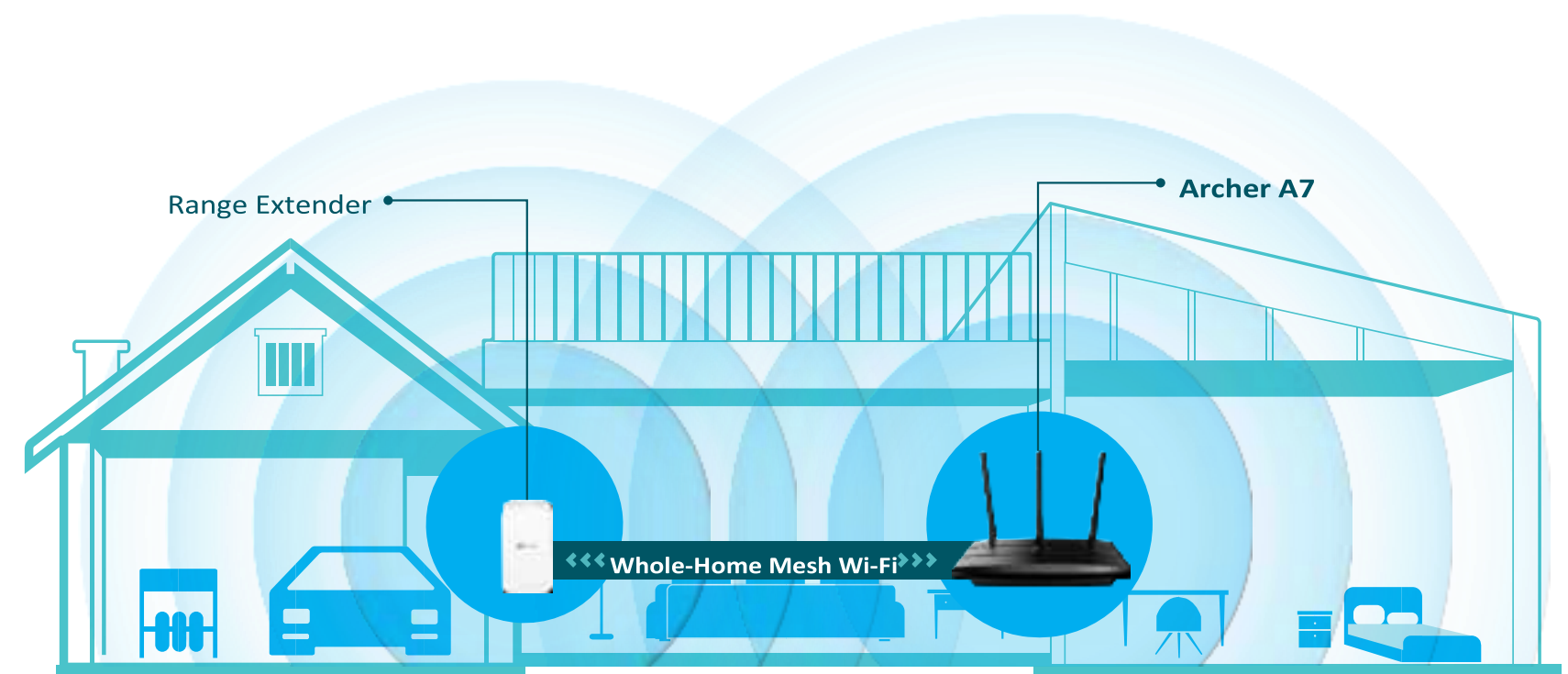
One Wi-Fi Name

Stay connected to the same network name in every room.

Unified Management

Manage the whole-home Wi-Fi by managing the central node via Tether app/Web UI.

Range Extender

Archer A7

Whole-Home Mesh Wi-Fi

Upgrade to Mesh Network

Enjoy Mesh network without having to replace your existing router by simply updating your OneMesh™ router's firmware. Check full list of OneMesh™ routers and range extenders at: https://www.tp-link.com/onemesh/a7/compatibility *More compatible devices are coming soon.

Features

Speed

· **Ultimate Wireless Speed** – Combined wireless speeds up to 2.4GHz and 1300Mbps over 5GHz

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

Wi-Fi Range

· **Ultimate Range Wi-Fi** – 3 dual band high-performance antennas with a high-powered amplifier ensure the widespread Wi-Fi coverage and a stable connection

Reliability

· **Simultaneous Dual Band –** Separate Wi-Fi bands enable more 450Mbps over 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

Features

Ease of Use

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

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

· **Wi-Fi On/Off** – Turns on/off wireless radio as needed using the WPS/Wi-Fi button

· **Power On/Off** – Conveniently powers on or off your router 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

Security

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

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

Easy Sharing

· **USB Port for Fast Sharing** – With the USB 2.0 port, you can separate access and share your files and media locally. Through the router's FTP server, you can also access your files and media from network devices remotely

Built-in Media Server – Allows you to play music, watch videos · **Parental Controls –** Restricts internet access time and contents and view photos from any device on your network for children devices

Offline Download – Allows you to download files without keeping · **VPN Server –** PPTP VPN and OpenVPN are supported, making it your computer powered on all the time easy to set up a secure connection between your private network and the internet
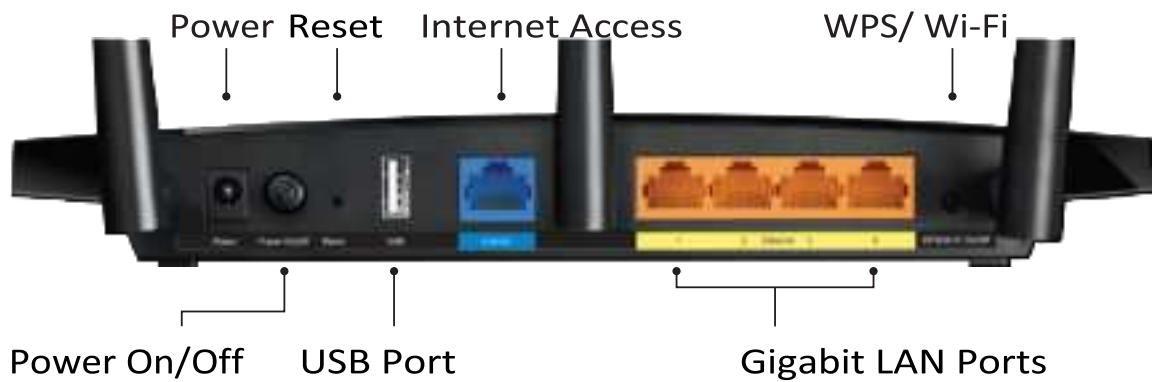
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Encryption s for Secure Network – WPA-PSK and WPA 2-PSK encryption s provide active protection against security

· threats

Specifications

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Hardware

· **Ethernet Ports:** 4 10/100/1000Mbps LAN Ports, 1 10/100/1000Mbps WAN Port

· **USB Ports:** 1 USB 2.0 Port

· **Buttons:** Power On/Off Button, Reset Button, WPS/Wi-Fi On/Off Button

· **Antennas:** 3 Fixed Antennas

· **External Power Supply:** 12VDC/1.5A

· **Dimensions (W x D x H):** 9.6x6.4x1.3 in. (243 X 160.6 X 32.5mm)

Power Reset   Internet Access   WPS/ Wi-Fi

Power On/Off   USB Port   Gigabit LAN Ports

Wireless

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

· **Frequency:** 2.4GHz and 5GHz

· **Signal Rate:** 1300Mbps at 5GHz, 450Mbps at 2.4GHz

· **CE EIRP:** <20dBm(2.4GHz), <23dBm(5GHz) · **FCC Transmit Power:** <30dBm(2.4GHz & 5GHz)

· Reception Sensitivity:

5GHz:

11a 6Mbps: -93dBm, 11a 54Mbps: -76dBm

11ac HT20 mcs8 : -68dBm, 11ac HT40 mcs9: -64dBm

11ac HT80 mcs9: -61dBm

2.4GHz:

11g 54Mbps: -77dBm

11n HT20 mcs7: -74dBm, 11n HT40 mcs7: -72dBm

· **Wireless Function:** Enable/Disable Wireless Radio, WDS Bridge, WMM,
Wireless Statistics

· **Wireless Security:** Enable/Disable SSID Broadcast, 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA-PSK2 encryptions, QSS, Wireless MAC Filter

Specifications

Software

- **Quality of Service:** WMM, Bandwidth Control

- **WAN Type:** Dynamic IP, Static IP, PPPoE, PPTP(Dual Access), L2TP(Dual Access), Bigpond

- **Management:** Access Control, Local Management, Remote Management

- **DHCP:** Server, DHCP Client List, Address Reservation

- **Port Forwarding:** Virtual Server, Port Triggering, UPnP, DMZ

- **Dynamic DNS:** DynDns, NO-IP, TP-Link

- **VPN Server:** PPTP, Open VPN

- **Access Control:** Parental Control, Local Management Control, Blacklist, Whitelist

- **Firewall Security:** DoS, SPI Firewall, IP and MAC Address Binding

- **Protocols:** IPv4, IPv6

- **USB Sharing:** Supports Samba(Storage), FTP Server, Media Server, Offline Download

- **Guest Network:** 2.4GHz guest network x 1, 5GHz guest network x 1

For more information, please visit https://www.tp-link.com/products/details/Archer-A7.html or scan the QR code left

Attention: This device may only be used indoors in all EU member states and EFTA countries.

Others

- **Certification:**

  CE, FCC, RoHS

- **System Requirements:**

  Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10, MAC OS, NetWare, UNIX or Linux

  Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser

  Cable or DSL Modem

  Subscription with an internet service provider (for internet access)

- **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

- **Package Contents**

  Wireless Router Archer A7

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

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