



## Archer BE400

### BE6500 Dual-Band Wi-Fi 7 Router

- 6.5 Gbps Dual-Band WiFi 7: Enables your devices to run at full speed. Enjoy fluent 4K/8K streaming, immersive AR/VR gaming, and blazing-fast downloads.<sup>1</sup>
- Multi-Link Operation (MLO): Transmits data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for various networking behaviors.<sup>6</sup>
- 2.5G Wired Connection: 1× 2.5 Gbps WAN port, 1× 2.5 Gbps LAN port and 3× 1 Gbps LAN ports offer high-speed data transmissions.<sup>4</sup>
- Maximized Coverage: 6× external antennas along with Beamforming deliver more capacity, stronger and more reliable connections, and less interference.<sup>1</sup>
- EasyMesh-Compatible: Works with EasyMesh routers and range extenders to form seamless whole home Mesh WiFi, preventing drops and lag when moving between signals.<sup>8</sup>
- Easy Setup and Use: Network management has never been easier with the Tether app.
- TP-Link HomeShield: Enhanced security defends against the latest cyber threats.<sup>7</sup>
- Great Compatibility: Supports all Wi-Fi generations and devices and all internet providers.<sup>9</sup>

## Exploring the New Era of Home WiFi

### B6500 Dual-Band Wi-Fi 7 Router

Archer BE400



# Wi-Fi 7

**5764 Mbps**  
5 GHz Band

**688 Mbps**  
2.4 GHz Band



**2.5 Gbps Wired Connection**



**6× High Performance Antennas**

**EasyMesh**  
— Compatible —

 **HomeShield**



**Easy Setup and Use**  
with the Tether App



**VPN**  
Clients and Server

# 6.5 Gbps Dual Band Wi-Fi 7 Speed

Powered by Wi-Fi 7 technology, Archer BE400 delivers incredible Wi-Fi speeds of up to 6.5 Gbps, enabling your devices to run at full speed.<sup>1</sup>

5 GHz Band

5764Mbps

2.4 GHz Band

688Mbps



4K/8K Streaming



Video Conferencing



Online Gaming



VR/AR

## WiFi 7, WiFi Like Never Before

WiFi 7 offers accelerated throughput, lower latency, stronger anti-jamming, and higher efficiency. Join the league of pros and experience the sheer performance of the next generation of WiFi.

[Watch Video](#)

[Learn more about Wi-Fi 7](#)

Wi-Fi 7

Wi-Fi 6

Wi-Fi 5

### 4K-QAM

Packs 120% data for higher speeds<sup>6</sup>

### Multi-Link Operation

Increases throughput, reduces latency, and improves reliability<sup>6</sup>

### Multi-RUs

Makes full use of every resource for maximum efficiency<sup>6</sup>

## Boosted Throughput, Unmatched Reliability

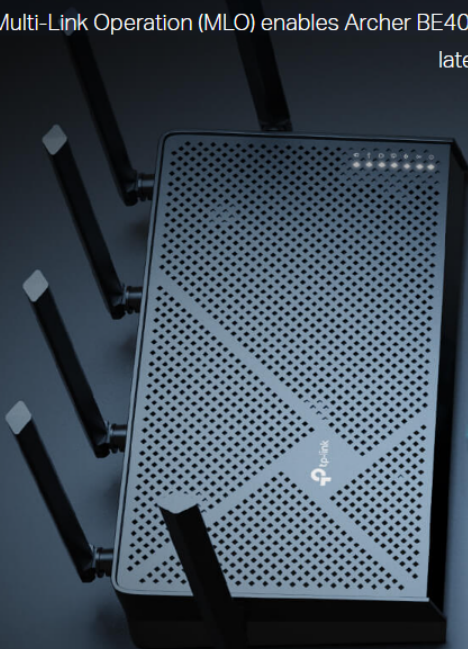
Multi-Link Operation (MLO) enables Archer BE400 to transmit data with Wi-Fi 7 clients across multiple bands simultaneously to increase throughput, reduce latency, and improve reliability for various networking behaviors.<sup>6</sup>

5 Ghz Band

Aggregation

2.4 Ghz Band

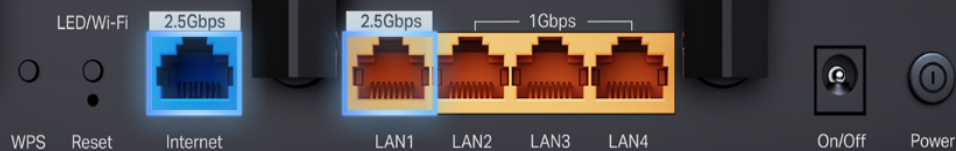
Wi-Fi 7





# 2.5 Gigabit Wired Connections Devices

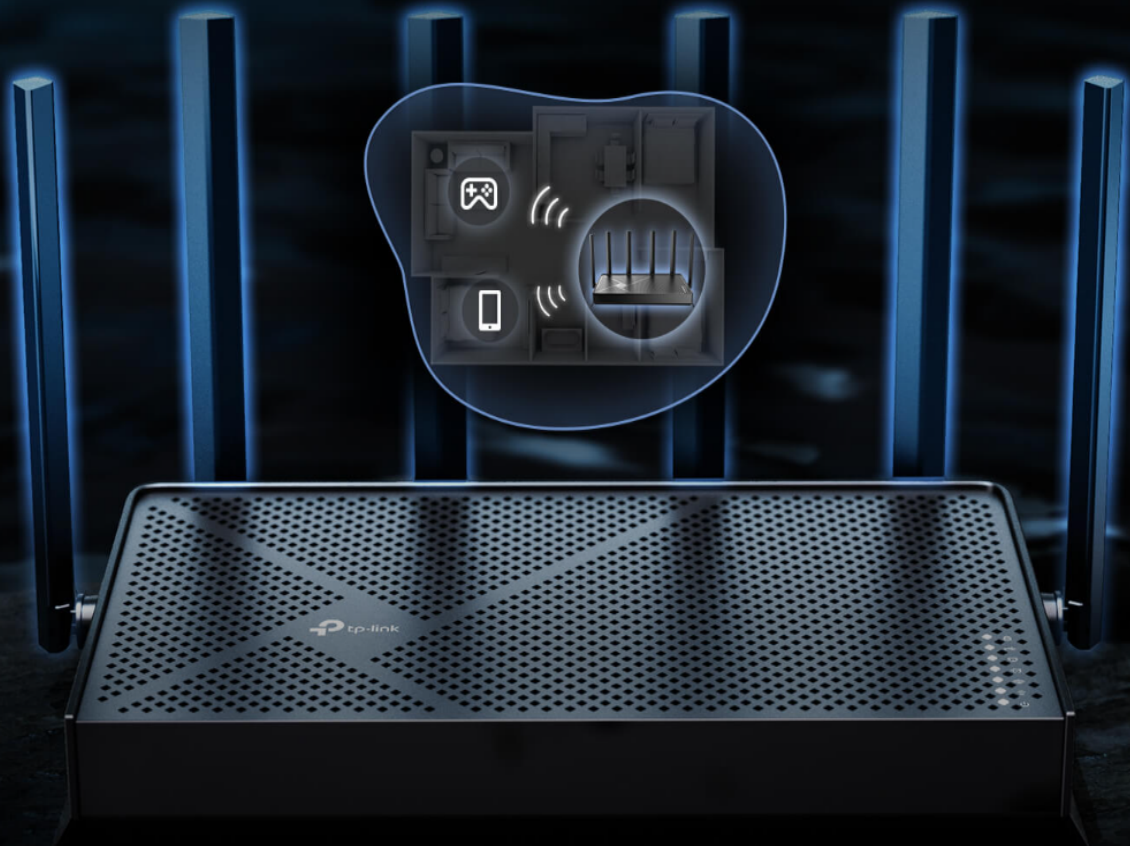
Experience lightning-speed connectivity with dual 2.5 Gbps ports! Archer BE400 features 1× 2.5 Gbps Internet (WAN) port and 1× 2.5 Gbps LAN port, maximizing Gigabit+ speeds delivered by your internet service provider. Break through the 1G bottleneck and unleash peak performance.<sup>4</sup>



## • 2.5 Gbps ports

# 6× High Performance Antennas with Beamforming for a Broader Coverage

Equipped with 6× high performance antennas, Archer BE400 boosts the WiFi signals throughout your home. The Beamforming technology detects devices and concentrates signals towards them, especially to previously hard-to-reach areas.<sup>1</sup>



# Create Whole Home Mesh WiFi

Archer BE400 is EasyMesh-compatible. If you have any dead zones at home, just add another EasyMesh router/range extender to further form your whole home multi-gigabit mesh WiFi. No more searching for a stable connection.<sup>8</sup>

[Learn more about EasyMesh >](#)



## WiFi Dead Zone Killer

Eliminate weak signal areas with WiFi coverage for the whole house



## Smart Roaming

Uninterrupted streaming when moving around your home



## One WiFi Name

No more switching WiFi network names



## Unified Management<sup>8</sup>

Manage your whole home WiFi from the central node via the Tether app/Web UI

### Traditional Router with Extender Wi-Fi

Wi-Fi ☐

✓ home-RE1

home-Router



### Archer BE400 + EasyMesh Devices

Wi-Fi ☐

Whole-Home

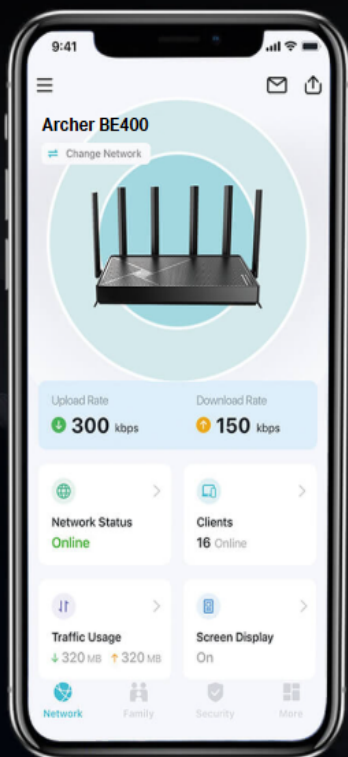


## Set Up in Minutes

Install the Tether app and simply follow the on-screen directions. In just three easy steps your entire home can be blanketed in strong and reliable WiFi.

[Learn more about the Tether app](#)

- 1 CONNECT**  
to a modem and power on both.
- 2 DOWNLOAD**  
and launch the Deco app.
- 3 CONFIGURE**  
by following the in-app instructions.







# Your Security is Our Priority

With TP-Link HomeShield, enjoy advanced security features that deliver a safe environment that protects your family and network's data and privacy.<sup>7</sup>

[Learn more about HomeShield](#)



## Home Network Scanner

Real-time network scanner to detect potential threats and security issues.



## Parental Controls

Manage time online and block inappropriate content to keep your family safe online.



## Quality of Service

Assign your favorite devices to have the fastest connections for top performance.

## Private IoT Network for More Security

Set up a separate WiFi for IoT devices and overlay HomeShield and advanced WPA3 encryption<sup>8</sup> to better protect the security of your home network and IoT devices.



## VPN Clients and Server Supported

Allow devices in your home network to access remote VPN servers without needing to install VPN software on every device. Archer AX55 Pro can run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.

[Learn more about VPN >](#)



<sup>1</sup>Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput, wireless coverage, and connected devices are not guaranteed and will vary as a result of internet service provide factors, network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

<sup>2</sup>Lower Latency refers to the latency improvement of Wi-Fi7 routers compared to Wi-Fi6/6E routers, based on laboratory test data. The test conditions had the same 5 GHz or 2.4 GHz single-frequency wireless interference and tested the maximum latencies of Wi-Fi 7 clients (with MLO turned on) connecting to the 5 GHz and 2.4 GHz bands of Archer BE400 (with MLO turned on) simultaneously and to the 5 GHz or 2.4 GHz bands of a Wi-Fi 6/6E router (without the MLO function)

<sup>3</sup>Higher capacity and lower latency refers to the capacity and latency improvement of Wi-Fi 7 routers compared to Wi-Fi 6/6E routers, based on laboratory test data.2.5 Gbps internet speeds require compatible service plans and equipment.

<sup>4</sup>2.5 Gbps internet speeds require compatible service plans and equipment. Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environmental conditions.

<sup>5</sup>Use of WPA3 requires clients to also support the corresponding feature.

<sup>6</sup>Use of Wi-Fi 7 (802.11be), Wi-Fi6 (802.11ax), and features including Multi-Link Operation (MLO), 4K-QAM, Multi-RUs, OFDMA, and MU-MIMO requires clients to also support the corresponding features.\*Wi-Fi generations represent the wireless standard NEEE 802.11 a/be/h/ac/ax/be. All devices need to support 802.11 Wi-Fi protocols. Users may require an extra modem device that is compatible with their internet service provider to gain internet access.

<sup>7</sup>HomeShield includes both basic and advanced features. Advanced features require a paid subscription. For details, visit [tp-link.com/homeshield](https://tp-link.com/homeshield)

<sup>8</sup>TP-Link EasyMesh-compatible products can network with other devices that use EasyMesh. Failed connections may be due to firmware conflicts of different vendors. The EasyMesh-compatible function is still being developed on some models and will be supported in subsequent software updates.

<sup>9</sup>Wi-Fi generations represent the wireless standard IEEE 802.11 a/b/g/h/ac/be. All devices need to support 802.11 Wi-Fi protocols.

This router may not support all the mandatory features as ratified in the IEEE 802.11be specification.

Further software upgrades for feature availability may be required.

Pictures are for reference only. If there are any inconsistencies between the product image and the actual product, the actual product shall prevail.

WIRELESS

WiFi Speeds	BE6500 <ul style="list-style-type: none"><li>5 GHz: 5764 Mbps</li><li>2.4 GHz: 688 Mbps</li></ul>
WiFi Range	<div>3 Bedroom Houses</div> <div>6× External Antennas</div> <div>Multiple antennas form a signal-boosting array to cover more directions and large areas</div> <div>Beamforming</div> <div>Concentrates wireless signal strength towards clients to expand WiFi range</div>
WiFi Capacity	<div>High</div> <div>Dual-Band</div> <div>Allocate devices to different bands for optimal performance</div> <div>MU-MIMO</div> <div>Simultaneously communicates with multiple MU-MIMO clients</div> <div>OFDMA</div> <div>Simultaneously communicates with multiple clients</div> <div>Airtime Fairness</div> <div>Improves network efficiency by limiting excessive occupation</div> <div>DFS</div> <div>Access an extra band to reduce congestion</div> <div>4 Streams</div> <div>Connect your devices to more bandwidth</div>
Advanced Functions	<ul style="list-style-type: none"><li>Multi-Link Operation (MLO)</li><li>4K-QAM</li><li>Multi-RUs</li><li>EasyMesh-Compatible</li><li>Works with Alexa and Google Assistant</li><li>IoT Network</li></ul>
Wireless Mode	<ul style="list-style-type: none"><li>Router Mode</li><li>Access Point Mode</li></ul>

SECURITY

Network Security

- SPI Firewall
- Access Control
- IP & MAC Binding
- Application Layer Gateway

• **HomeShield Security**

Real-Time IoT Protection  
Malicious Site Blocker  
Intrusion Prevention System  
DDoS Attack Prevention  
Home Network Scanner

Guest Network

- 1× 5 GHz Guest Network
- 1× 2.4 GHz Guest Network

VPN Server

- OpenVPN Server
- PPTP VPN Server
- L2TP VPN Server
- WireGuard VPN Server

VPN Client

- Open VPN Client
- PPTP VPN Client
- L2TP VPN Client
- WireGuard VPN Client

WiFi Encryption

- WPA
- WPA2
- WPA3
- WPA/WPA2-Enterprise (802.1x)

HARDWARE

Ethernet Ports

- 1× 2.5 Gbps WAN
- 1× 2.5 Gbps LAN
- 3× 1 Gbps LAN

USB Support

- 1× USB 3.0
- Supported Partition Formats:  
NTFS, exFAT, HFS+, FAT32
  - Supported Functions:  
FTP Server  
Media Server  
Samba Server

Buttons

- Power Button
- Wi-Fi/LED Button
- WPS Button
- Reset Button

Power

12 V = 2.5 A

SOFTWARE	
Protocol	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</li> </ul>
Service Kit	HomeShield <a href="#">Learn More&gt;</a>
EasyMesh	Compatible with EasyMesh
Parental Controls	<b>HomeShield Parental Controls</b> Custom Profiles Professional Content Filter Library Family Time Bedtime Off Time Time Rewards Family Online Time Ranking Pause the Internet Weekly and Monthly Reports
WAN Type	<ul style="list-style-type: none"> <li>• Dynamic IP</li> <li>• Static IP</li> <li>• PPPoE</li> <li>• PPTP</li> <li>• L2TP</li> </ul>
Quality of Service	QoS by Device
Cloud Service	<ul style="list-style-type: none"> <li>• Auto Firmware Upgrade</li> <li>• TP-Link ID</li> <li>• DDNS</li> </ul>
NAT Forwarding	<ul style="list-style-type: none"> <li>• Port Forwarding</li> <li>• Port Triggering</li> <li>• DMZ</li> <li>• UPnP</li> </ul>
IPTV	<ul style="list-style-type: none"> <li>• IGMP Proxy</li> <li>• IGMP Snooping</li> <li>• Bridge</li> <li>• Tag VLAN</li> </ul>
DHCP	<ul style="list-style-type: none"> <li>• Address Reservation</li> <li>• DHCP Client List</li> <li>• Server</li> </ul>
DDNS	<ul style="list-style-type: none"> <li>• TP-Link</li> <li>• NO-IP</li> <li>• DynDNS</li> </ul>
Management	<ul style="list-style-type: none"> <li>• Tether App</li> <li>• Webpage</li> </ul>
OTHER	
System Requirements	Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser  Cable or DSL Modem (if needed)  Subscription with an internet service provider (for internet access)
Certifications	CE, FCC, RoHS
Environment	<ul style="list-style-type: none"> <li>• Operating Temperature: 0°C~40°C (32°F ~104°F)</li> <li>• Operating Humidity: 10%~90% non-condensing</li> </ul>



