

## Lightning-Speed Wi-Fi 7 Range Extender

BE19000 Wi-Fi 7 Range Extender

RE800BE

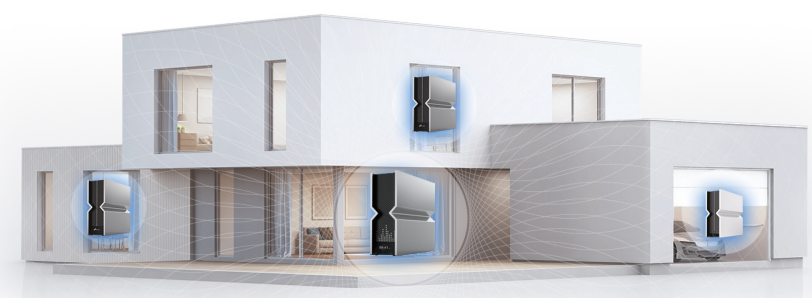
**BE19000 Tri-Band Wi-Fi**  
11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)

**320 MHz Channel Bandwidth**  
Expands bandwidth to quadruple the network speed of traditional 80 MHz

**10G Multi-Gig Internet Connection**  
Unlock the full potential of Wi-Fi 7 with 10G ports

### EasyMesh-Compatible Seamless Roaming

Create a mesh network by connecting to a EasyMesh-compatible router for seamless whole home coverage.



### 10G Multi-Gig Internet Connection

A 10 Gbps port makes full use of gigabit speeds from your local ISP. Break through the 1G bottleneck and drive your devices to peak performance.



### RE550BE

BE9300 Tri-Band Wi-Fi 7 Range Extender

**BE9300 Tri-Band Wi-Fi**  
5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 574 Mbps (2.4 GHz)

**2.5G Multi-Gig Port**  
1x 2.5G Port + 2x Gigabit Ports

**EasyMesh-Compatible\***  
Flexibly create a Mesh Network

Wi-Fi 7 Features  
320 MHz | 6 GHz | 4K-QAM | Multi-Link Operation | Multi-RU

### TP-Link Wi-Fi 7 Products

	Model	Speed	Port	Maximum Bandwidth	4096 QAM	Other Features
Wi-Fi Routers	Archer BE900	<b>Quad-Band BE24000</b> 11520 Mbps (6 GHz) + 5760 Mbps (5 GHz-1) + 5760 Mbps (5 GHz-2) + 1376 Mbps (2.4 GHz)	1x 10 Gbps WAN/LAN Port (RJ45/SFP+ Combo) 1x 10 Gbps WAN/LAN Port 4x 2.5 Gbps LAN Ports 1x 1 Gbps LAN Port 1x USB 3.0 1x USB 2.0	320 MHz	✓	EasyMesh-Compatible WPA3 HomeShield Parental Controls Tether App Works with Alexa and Google Assistant
	Archer BE800	<b>Tri-Band BE19000</b> 11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)	1x 10 Gbps WAN/LAN Port (RJ45/SFP+ Combo) 1x 10 Gbps WAN/LAN Port 4x 2.5 Gbps LAN Ports 1x USB 3.0	320 MHz	✓	EasyMesh-Compatible WPA3 HomeShield Parental Controls Tether App Works with Alexa and Google Assistant
	Archer BE805	<b>Tri-Band BE19000</b> 11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)	2x 10 Gbps WAN Port 4x 1 Gbps LAN Ports 2x USB 3.0	320 MHz	✓	EasyMesh-Compatible WPA3 HomeShield Parental Controls Tether App Works with Alexa and Google Assistant
	Archer BE550	<b>Tri-Band BE9300</b> 5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	1x 2.5 Gbps WAN Port 4x 2.5 Gbps LAN Ports 1x USB 3.0	320 MHz	✓	EasyMesh-Compatible WPA3 HomeShield Parental Controls Tether App Works with Alexa and Google Assistant
	Archer BE230	<b>Dual Band BE3600</b> 2880 Mbps (5 GHz) + 688 Mbps (2.4 GHz)	1x 2.5 Gbps WAN Port 1x 2.5 Gbps LAN Port 3x 1 Gbps LAN Ports 1x USB 3.0	160 MHz	✓	EasyMesh-Compatible WPA3 HomeShield Parental Controls Tether App Works with Alexa and Google Assistant
	Range Extenders	RE800BE	<b>Tri-Band BE19000</b> 11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)	1x 10 Gbps Port 2x 1 Gbps Ports	320 MHz	✓
RE550BE		<b>Tri-Band BE9300</b> 5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 574 Mbps (2.4 GHz)	1x 2.5 Gbps Port 2x 1 Gbps Ports	320 MHz	✓	6x Internal Antennas WPA3 EasyMesh-Compatible TP-Link OneMesh™ Tether App AP Mode

TP-Link Corporation Limited  
E-Mail: info@tp-link.com  
Homepage: www.tp-link.com



Scan to learn more about TP-Link Wi-Fi 7 Solutions

Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Corporation Limited. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2023 TP-Link Corporation Limited. All rights reserved.

\*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. 46 Gbps is the theoretical peak rate derived from IEEE Standard 802.11be and may not represent the peak rates of individual products. Actual wireless data throughput, wireless coverage, and connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.  
\*\*Use of Wi-Fi 7 (802.11be), Wi-Fi 6 (802.11ax), and features including MLO, 320 MHz Bandwidth, 4K-QAM, Multi-RU, OFDMA, and MU-MIMO requires clients to also support the corresponding features. MLO and Multi-RUs may require further software upgrades to experience the full functions.  
\*\*\*The 320 MHz bandwidth is only available on the 6 GHz band. Simultaneously, the 320 MHz bandwidth on the 6 GHz band and 160 MHz bandwidth on the 5 GHz band may be unavailable in some regional countries due to regulatory restrictions. Double channel width and speed refer to 320 MHz compared to 160 MHz for Wi-Fi 6 routers.  
\*\*\*\*Pictures are for reference only. Actual product design may vary.  
\*\*\*\*\*The EasyMesh function is still being developed on some models and will be supported in subsequent software updates.  
\*\*\*\*\*10 Gbps internet speeds require compatible service plans and equipment. Actual internet speeds are limited by the internet bandwidth access from an Internet Service Provider. Dual 10 Gbps WAN/LAN ports cannot be concurrently configured as WAN ports.  
\*\*\*\*\*HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield for more information.  
\*\*\*\*\*Use of WPA3 requires clients to also support the corresponding feature.  
\*\*\*\*\*The products may not support all the mandatory features as ratified in the IEEE 802.11be specification.

PN: 8392501126



# Wi-Fi 7

## Routers and Range Extenders

Wi-Fi Like Never Before



# Wi-Fi 7

## Wi-Fi 7: The Most Powerful Wi-Fi Ever. Faster Speeds, Lower Latency.



**4.8x Faster†**  
Wi-Fi 7 accelerates throughput up to 46 Gbps.

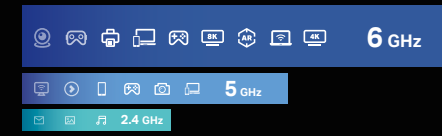


**100x Lower Latency†**  
Worst Case Latency is 100x better compared to Wi-Fi 6 with 15x better AR/VR performance.



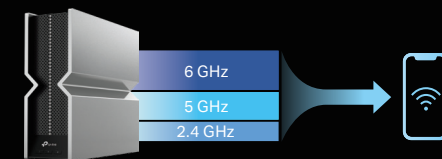
**5x Network Capacity†**  
Wi-Fi 7 provides up to 5x greater capacity than Wi-Fi 6.

## A Powerful Upgrade on Everything



### The Wide and Clear 6 GHz Band

Since Wi-Fi 6E opened up the 6 GHz band, Wi-Fi 7 unleashes the full potential of it to enable high-bandwidth applications that require faster data throughput.



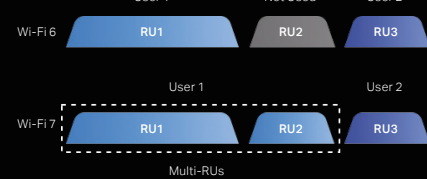
### More Efficient and Reliable

Multi-Link Operation allows devices to simultaneously send and receive data across different frequency bands and channels to increase throughput, reduce latency, and improve reliability.



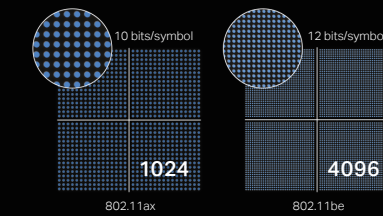
### Double the Width and Speed

Extending channel width to 320 MHz on 6 GHz also enables many more simultaneous transmissions at the fastest possible speeds.



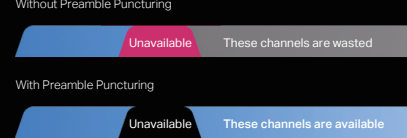
### Makes Full Use of Every Resource

Allows multiple resource units (RUs) to be assigned to a single user and can combine RUs for increased transmission efficiency. This improves the flexibility of spectrum resource scheduling.



### Packs 120% Data

4K-QAM enables each symbol to carry 12 bits, which means 20% higher theoretical transmission rates than Wi-Fi 6's 1024-QAM and higher transmission efficiency.



### No Waste, No Congestion

Before, busy channels meant bands could not be fully used. Data would only be sent through the primary channel. Now, with Preamble Puncturing, the interference can be blocked, opening up more channels to use.

## Wi-Fi 7 Applications



A Real Upgrade for Businesses



An Unstoppable Stream of Entertainment



A Revolution in the Intelligent Lifestyle

†Data is from semiconductor companies. 46 Gbps is the theoretical peak rate derived from IEEE Standard 802.11be and may not represent the peak rates of individual products. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

## Redefining Wi-Fi Routers

BE24000 Quad-Band Wi-Fi 7 Router

Archer BE900 HomeShield 6 GHz



**BE24000 Quad-Band Wi-Fi 7**  
11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 5760 Mbps (5 GHz-2) + 1376 Mbps (2.4 GHz)



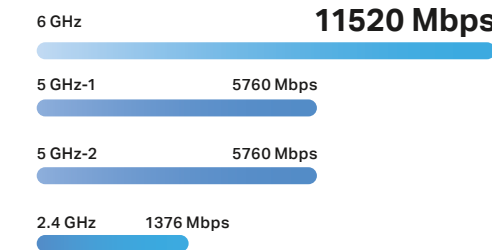
**Multi-Gig Internet Connections**  
1x 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1x 10 Gbps WAN/LAN port + 4x 2.5 Gbps LAN ports + 1x 1 Gbps LAN port + 2x USB ports ensure max flexibility and boosted throughput.



**EasyMesh-Compatible\***  
Flexibly create a mesh network

## Quad Band Wi-Fi 7

Up to 24 Gbps quad-band Wi-Fi enables your devices to run at full speed. Archer BE900 communicates with multiple devices via 16 streams simultaneously. Enjoy fluent 4K/8K streaming, immersive AR/VR gaming, and blazing-fast downloads.



## Revolutionary Design

### 12x Internal Antennas

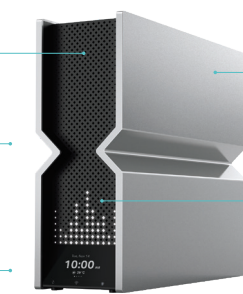
Proprietary Wi-Fi optimization and 12x optimally positioned antennas deliver more capacity, stronger and more reliable connections, and less interference.

### V-fold Design

Maintains a sharp aesthetic.

### Touchscreen

Displays the 10G speeds and increases user interaction and interest.



### Advanced Casing Design

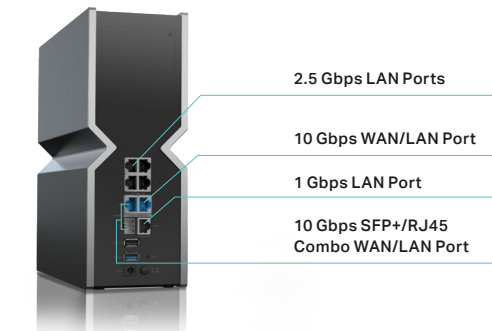
The metallic texture enhances the sense of quality and helps it perfectly integrate into any home environment. A larger heat sink and refined casing keeps the system cool under performance.

### LED Screen

Visually displays real-time weather, time, text, and even emojis.

## 10G Multi-Gig Internet Connections

Don't waste your gigabit internet access. BE900 is equipped with a 10 Gbps WAN/LAN Port, a 10 Gbps SFP+/RJ45 Combo WAN/LAN Port, and four 2.5 Gbps LAN ports, ensuring maximum flexibility and boosted throughput. With SFP+, NAS can be provided with high-speed fiber data transmission.



## Archer BE800

BE19000 Tri-Band Wi-Fi 7 Router



**BE19000 Tri-Band Wi-Fi 7**  
11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)



**10G Multi-Gig Ports**  
1x 10 Gbps WAN/LAN Port (RJ45/SFP+ Combo) + 1x 10 Gbps WAN/LAN Port + 4x 2.5 Gbps LAN Ports



**Enhanced Security**  
TP-Link HomeShield



**EasyMesh-Compatible\***  
Flexibly create a Mesh Network



## Archer BE805

BE19000 Tri-Band Wi-Fi 7 Router



**BE19000 Tri-Band Wi-Fi 7**  
11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)



**10G Multi-Gig Ports**  
2x 10 Gbps WAN/LAN Ports + 4x 1 Gbps LAN Ports



**Enhanced Security**  
TP-Link HomeShield



**EasyMesh-Compatible\***  
Flexibly create a Mesh Network



## Archer BE550

BE9300 Tri-Band Wi-Fi 7 Router



**BE9300 Tri-Band Wi-Fi 7**  
5760 Mbps (6 GHz) + 2880 Mbps (5 GHz) + 574 Mbps (2.4 GHz)



**2.5G Multi-Gig Ports**  
1x 2.5 Gbps WAN Port + 4x 2.5 Gbps LAN Ports



**Enhanced Security**  
TP-Link HomeShield



**EasyMesh-Compatible\***  
Flexibly create a Mesh Network



## Archer BE230

BE3600 Dual Band Wi-Fi 7 Router



**BE3600 Dual Band Wi-Fi 7**  
688 Mbps (2.4 GHz) + 2880 Mbps (5 GHz)



**2.5G Multi-Gig Ports**  
1x 2.5 Gbps WAN Port + 1x 2.5 Gbps LAN Port + 3x 1 Gbps LAN Ports



**Enhanced Security**  
TP-Link HomeShield



**EasyMesh-Compatible\***  
Flexibly create a Mesh Network