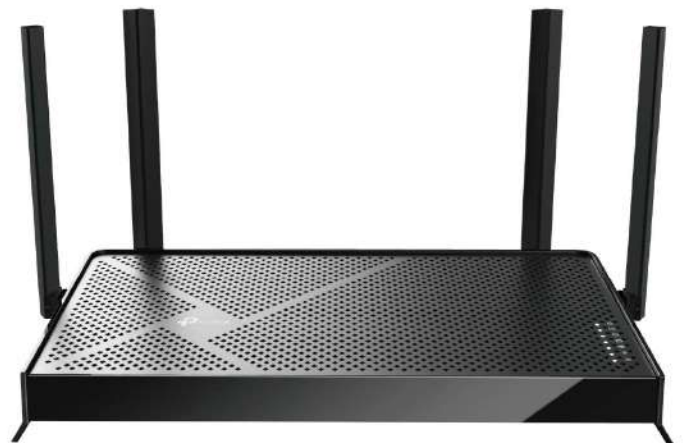**tp-link**

Wi-Fi 7

# BE3600 Dual-Band
# Wi-Fi 7 Router

Exploring the new Era of Home Wi-Fi

Archer BE230

**Lightning-Fast Speeds**
3.6 Gbps Dual-Band Wi-Fi 7†

**2.5G Multi-Gig Connectivity**
2× 2.5 Gbps Ports Boost Wired Connections§

**Far-Reaching Coverage**
4× External Antennas with Beamforming

**Ultra Smooth Wi-Fi**
Lower Latency for Lag-Free Gaming†

# Highlights

## Wi-Fi 7 — Wi-Fi Like Never Before



**Wi-Fi 7**
Multi-Link Operation

5 GHz
2.4 GHz

### 3.6 Gbps Dual-Band Wi-Fi 7[†]
3.6 Gbps Wi-Fi 7 speeds enables you to enjoy full access to 8K streaming and high-speed downloading.[†]

### Lightning-Fast Speeds to Power Your Devices
Multi-Link Operation (MLO) enables Archer BE230 to transmit data with Wi-Fi 7 clients across the 5 GHz band and the 2.4 GHz band simultaneously, offering higher speed, lower latency, and more reliability.

### Higher Capacity for More Devices[†]
Communicates with multiple devices via 4 streams and dual-band simultaneously. Combined with the powerful CPU, Wi-Fi 7 provides congestion-free signals to your laptop, TV, thermostat, and baby monitor.

# Highlights

## Archer BE230 — Exploring the new Era of Home Wi-Fi



2.5 Gbps WAN Port    3× Gigabit LAN Ports

2.5 Gbps LAN Port    USB 3.0 Port

### 2× 2.5 Gbps Ports for Multi-Gigabit Connectivity
The 2.5 Gbps WAN port makes full use of gigabit speeds from your local ISP. Break through the 1G bottleneck and drive your devices to peak performance. The additional 2.5 Gbps LAN port and the USB 3.0 port make Archer BE230 an ideal solution for future-proofing your home network.[§]

### Far-Reaching Wi-Fi Coverage
4× high-performance external antennas, proprietary Wi-Fi optimization, and Beamforming technology deliver broader coverage, more capacity, stronger and more reliable connections, and less interference.

TP-Link  BE3600 Dual-Band Wi-Fi 7 Router          Archer BE230

# Highlights

## TP-Link HomeShield

Manage online time and block inappropriate content to keep your family safe online with Parental Controls. Network Protection further keeps your home network safe by preventing potential threats and security issues.**



**HomeShield**

Network Protection

Parental Controls

Quality of Service (QoS)

Comprehensive Reports

## Great Compatibility

Take your Wi-Fi to the next level without worry. Archer BE230 offers great compatibility by working with all Wi-Fi generations, devices, and internet service providers.* It also works with Google Assistant.



TP-Link  BE3600 Dual-Band Wi-Fi 7 Router          Archer BE230

# Highlights

## Flexible Whole Home Wi-Fi

Archer BE230 is compatible with EasyMesh to form seamless whole home mesh Wi-Fi, preventing drops and lag when moving between signals. Enjoy uninterrupted streaming when moving around your home.***
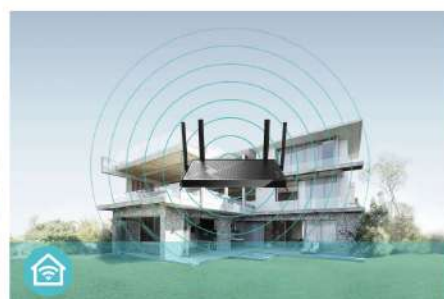


## VPN Client Support

Archer BE230 allows specified devices on your home network to access remote VPN servers without needing to install VPN software on every device. Archer BE230 can also run a VPN and ordinary internet connections at the same time for added security and flexibility.



Router (VPN Client)
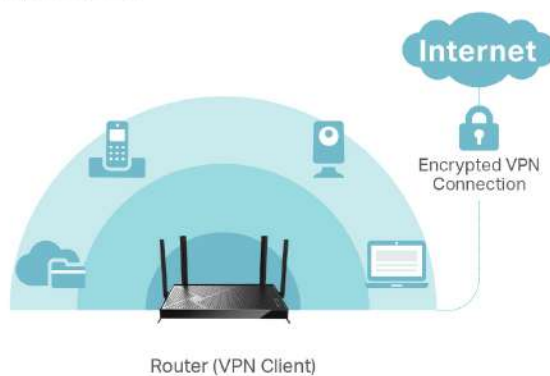
# Features







## Ultra-Fast Speed

· **BE3600 Wi-Fi** – Up to 3570 Mbps dual-band Wi-Fi 7 enables gaming, streaming and high-speed downloading on multiple devices—all at the same time*

· **2x 2.5G Ports** – One 2.5 Gbps Internet port and one 2.5 Gbps LAN port break through the 1G bottleneck, driving your devices to peak performance.

· **Wi-Fi 7** – Wi-Fi 7 (802.11be) features advanced technology 4K QAM, drastically increasing the speed and efficiency of your entire network.*

· **Smart Connect** – Intelligently assigns each device to the best Wi-Fi band for optimal performance.

## Reliable Connections

· **3570 Mbps 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.*

· **Airtime Fairness** – Balances bandwidth of connected devices to improve overall throughput and efficiency.

## Broad Wi-Fi Range

· **Ultimate Range Wi-Fi** – Proprietary WiFi optimization and 4x high-performance external antennas boost WiFi signals throughout your home.

· **Beamforming Technology** – Concentrates Wi-Fi signals towards individual devices to ensure stronger connections.

· **Seamless EasyMesh network** – Transfer between seamless whole-home Wi-Fi without any drops or lag and manage your whole network using a centralized panel.

# Features







## Ease of Use

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

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

· WPS (Wi-Fi Protected Setup) – Help you to quickly and securely connect your devices to the router's network with a tap.

· Backwards Compatible – Take your Wi-Fi to the next level while being backwards compatible with existing 802.11a/b/g/n/ac/ax Wi-Fi standards.

· Works with Google Assistant – Utilize Google Assistant to control everything via voice commands to enjoy truly intelligent life.

## Robust Security

· HomeShield – TP-Link's premium security services keep your home network safe with cutting-edge features for network and IoT protection.**

· Parental Controls – Manage online time and block inappropriate content to control your family's digital habits.

· Guest Network – Provides separate access for guests to secure the home network.

· Advanced WPA3 Encryptions – The latest WiFi security protocol, WPA3, brings new capabilities to improve cybersecurity in personal networks.*

· Access Control – Establishes an allow list or a deny list to allow or restrict certain devices to access the internet.

## Value-Added Features

· VPN Clients and Server Supported – With VPN client support, BE230 allows specified devices in your home network to access remote VPN servers without needing to install VPN software on every device.

· USB Port – Connects external storage devices to rapidly share files, photos, and videos.

· Built-in Media Server – Allows you to play music, watch videos and view photos from any device on your network.

· More Values – Advanced functions like IPTV, IPv6 compatibility, and Access Point mode bring more values.

# Specifications

## Wireless

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

· WiFi Speeds: 2882 Mbps (5 GHz) + 688 Mbps (2.4 GHz)†

· WiFi Range: 4× High-Performance Antennas

· WiFi 7 Features: Multi-Link Operation (MLO), 4K-QAM, and Multi-RUs

· Working Modes: Router Mode, Access Point Mode

## Security

· WiFi Encryption: WPA, WPA2, WPA3, WPA/WPA2-Enterprise (802.1x)

· Network Security: SPI Firewall, Access Control, IP & MAC Binding, Application Layer Gateway, HomeShield Security

· Guest Network:
 5GHz Guest Network, 2.4 GHz Guest Network

· VPN Server: OpenVPN, PPTP, L2TP VPN Server, Wireguard VPN

· VPN Client: OpenVPN, PPTP, L2TP VPN Client, Wireguard VPN

## Hardware

· Ethernet Ports: 1× 2.5 Gbps WAN Port + 1× 2.5 Gbps LAN Port + 3 x 1 Gbps LAN Ports

· USB Support: 1× USB 3.0 Port

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

## Software

· Protocols: IPv4, IPv6

· Service Kits: HomeShield

· EasyMesh: Supported

· Parental Controls: HomeShield Parental Controls

· WAN Types: Dynamic IP, Static IP, PPPoE, PPTP, L2TP

· Quality of Service: QoS by Device

· Cloud Service: Auto Firmware Upgrade, TP-Link ID, DDNS

· NAT Forwarding: Port Forwarding, Port Triggering, DMZ, UPnP

· DDNS: TP-Link, NO-IP, DynDNS

# Specifications

## Physical

- Dimensions: 10.7 × 5.8 × 1.6 in (272.7 × 147 × 41.7 mm)
- Package Contents:

  Wi-Fi 7 Router Archer BE230

  Power Adapter

  RJ45 Ethernet Cable

  Quick Installation Guide

## Other

- System Requirements:

  Microsoft Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser
  *You are recommended to use the latest version

  Cable or DSL Modem (if needed)

  Subscription with an internet service provider (for internet access)

- Certifications: FCC, CE, RoHS
- Environment:

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

  Operating Humidity: 10%~90% non-condensing

## Test Data

- WiFi Transmission Power:

  FCC: ≤ 30 dBm (2.4 GHz), ≤ 30 dBm (5 GHz)

  CE: ≤20dBm EIRP (2.4GHz); ≤23dBm EIRP (5.17GHz~5.35GHz); ≤30dBm EIRP (5.47GHz~5.725GHz)

- WiFi Reception Sensitivity:

  2.4 GHz:

  11ax HE20 MCS0: -97dBm, 11ax HE20 MCS11: -68dBm

  11ax HE40 MCS0: -95dBm, 11ax HE40 MCS11: -66dBm

  11be EHT20 MCS13:-61dBm,11be EHT40 MCS13:-59dBm

  5 GHz:

  11ax HE20 MCS0:-96dBm, 11ax HE20 MCS11:-66dBm

  11ax HE40 MCS0:-94dBm, 11ax HE40 MCS11:-64dBm

  11ax HE80 MCS0:-91dBm, 11ax HE80 MCS11:-61dBm

  11ax HE160 MCS0:-88dBm, 11ax HE160 MCS11:-58dBm

  11be EHT20 MCS13:-59dBm,11be EHT40 MCS13:-57dBm

  11be EHT80 MCS13:-55dBm,11be EHT160 MCS13:-52dBm