tp-link | **Aginet**

Wi-Fi 7

BE3600
Dual-Band Wi-Fi 7
VoIP Router

MODEL: EB200v Pro

Wi-Fi 7, Wi-Fi Like Never Before

Wi-Fi 7 has arrived with jam-breaking performance - offering accelerated throughput, lower latency, stronger anti-jamming and higher efficiency. Join the league of pros and experiance the sheer performance of the next generation Wi-Fi.

3.6 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

Outstanding 2.5 Gbps Wired Performance

Equipped with one 2.5G WAN and one 2.5G LAN ports, EB200v Pro provides high-speed Internet and versatile applications. The additional two GE Ethernet LAN ports and USB 3.0 port make it an ideal solution for your future-proofing home network.

1.5× Faster Speeds to Power Your Devices

Multi-Link Operation (MLO) enables EB200v Pro to transmit data with Wi-Fi 7 clients across the 2.4 GHz and 5 GHz bands simultaneously, delivering 1.5× faster Wi-Fi speeds than Wi-Fi 6/6E mesh.

The Ultimate Backhaul

With the latest Wi-Fi 7 MLO technology, the system's wireless backhaul aggregation flow rate is increased. This way, it greatly improves overall throughput and reduces latency, delivering broader coverage with more stable and reliable connections.

Features

BE3600 Dual-Band Wi-Fi
2880 Mbps (5 GHz, EHT160) + 688 Mbps (2.4 GHz, EHT40).

2.5G Fiber and Ethernet Internet Connections
1× 2.5 GE WAN port, 1× 2.5 GE LAN port, and 2× GE LAN ports ensure the ultimate wired internet access.

Next-Gen Wi-Fi Technology
Enjoy extreme Wi-Fi performance in network speed, efficiency, and capacity with cutting-edge technology.

EasyMesh Compatible
Create a smart mesh network with seamless coverage and greater flexibility.

VoIP Calls
Supports multiple VoIP accounts and various call features to surpass traditional landlines.

Remote Management
TR-069 and TR-369 protocols and TAUC (TP-Link Aginet Unified Cloud) are supported.

Specifications

Hardware

- **Ethernet Port**

  1× 2.5 Gbps Ethernet WAN Port,
  1× 2.5 Gbps Ethernet LAN Port,
  2× 10/100/1000 Mbps RJ45 LAN Ports,
  1× USB 3.0 Port, 1× Phone Port

- **Button**

  1× RESET button at the bottom,
  1× WPS button on the back

- **CPU**

  2.0 GHz Quad-Core CPU

- **Power Adapter Input**

  100-240V~50/60Hz

- **Antenna**

  Internal Wi-Fi antennas

Wireless

- **Wireless Standards**

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

- **Wi-Fi 7 Functions**

  Multi-Link Operation (MLO),
  4K-QAM, and Multi-RUs

- **Wi-Fi Speeds**

  5 GHz: 2880 Mbps (802.11be)
  2.4 GHz: 688 Mbps (802.11be)

- **Transmit Power**

  FCC: ≤ 30 dBm (2.4 GHz), ≤ 30 dBm (5 GHz)
  CE: ≤ 20 dBm EIRP (2.4GHz); ≤ 30 dBm EIRP (5.17GHz~5.35GHz);
  ≤ 30 dBm EIRP (5.47GHz~5.725GHz)

- **Wi-Fi Encryption**

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

- **Mesh protocol**

  802.11k/v/r

Software

- **Working Mode**

  Router Mode, Access Point Mode

- **WAN Types**

  Dynamic IP/Static IP/PPPoE/PPTP/L2TP

- **DHCP**

  Server, DHCP Client List, Address Reservation

- **Protocols**

  Supports IPv4 and IPv6

- **Multi SSID**

  Up to 3 SSIDs for each band (including main SSID)

- **Network Security**

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

- **Guest Network**

  5GHz Guest Network,
  2.4 GHz Guest Network

- **Management**

  Local management: WebGUI management, Aginet app management
  Remote management: TR-069, TR-181, TR-369, TR-111,TR-143
  Cloud management: TAUC

- **Dynamic DNS**

  NO-IP, DynDNS, TP-Link

- **VPN Server**

  OpenVPN, PPTP, L2TP VPN Server

- **VPN Client**

  OpenVPN, PPTP, L2TP VPN Client

- **Access Control**

  Parental Control, Local Management, Host List, White/Black List

- **Quality of Service**

  QoS by Device

- **Cloud Service**

  Auto Firmware Upgrade, TP-Link ID, DDNS

- **NAT Forwarding**

  Port Forwarding, Port Triggering, DMZ, UPnP

Others

- **Certification**

  RoHS

- **Environment**

  Operating Temperature: 0°C~40°C (32°F~104°F)
  Storage Temperature: -40°C~60°C (-40 °F~140 °F)
  Operating Humidity: 10%~90% RH
  Storage Humidity: 5%~90% RH

- **Package Contents for EB200v Pro**

  1× BE3600 Dual-Band Wi-Fi 7 VoIP Router EB200v Pro
  1× RJ45 Ethernet cable
  1× RJ11 Phone cable
  1× Power adapter
  1× Quick Installation Guide