



## Wireless Router TP-LINK

## Wireless Router

**19000 Mbps**

**Mesh Wi-Fi 7**

**2x2.5GbE**

**1x10GbE**

**1xSPF+ DHCP**

**DECOBE85(2-  
PACK)**

Model: DECOBE85(2-PACK)

Manufacturer: TP-LINK

EAN: 4897098686928

Product Code: 193454

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**R17,382**

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**A True Whole Home**

**Multi-Gigabit Mesh WiFi**

BE19000 Whole Home Mesh WiFi 7 System

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## **WiFi 7, WiFi Like Never Before**

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

## **High-End, Powerful, Exquisite**

### **Blazing-Fast WiFi for Top Performance**

Experience a high-end Tri-Band Whole Home WiFi 7 Mesh system with blazing-fast WiFi speeds up to 19 Gbps. Now, every device in your home network will run at top performance. The exclusive 6 GHz band provides exceptional bandwidth and congestion-free channels exclusive to your devices.

## **Whole Home Multi-Gigabit Connectivity**

### **Deco BE85 Speed Heatmap**

#### 10 Gbps Wired Backhaul

Every room where a Deco BE85 is located receives 6-7.5 Gbps of wireless speeds, gradually decreasing with distance. Most of the tested villa clocks in at 6-6.5 Gbps. Due to a large number of walls, the edge of the home receives around 5 Gbps.

#### Wireless Backhaul

The 1st-floor Deco BE85 remains the same as with a wired backhaul. But due to the walls and ceiling between the two floors, the center of the other Deco BE85s receives around 3.5 Gbps with the rest of the house's speed reaching 3-3.5 Gbps.

## **Outstanding 10 Gbps Wired Performance**

Equipped with two 10 Gbps WAN/LAN ports — one RJ45 port and a RJ45/SFP+ combo port — Deco BE85 provides flexible support for both fiber and copper connections. The additional 2.5 Gbps ports and USB 3.0 port make it an ideal solution for future-proofing your home network.

## **Down to the Last Detail**

TP-Link's in-house component research and thorough hardware selection ensure the quality and value of the entire Deco BE85 system. Everything comes together to form the perfect Mesh device.

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## **The Ultimate Backhaul: Stronger and More Flexible**

Through our self-developed technology, Deco BE85 can connect a wireless and wired backhaul with each unit simultaneously. What's more, with the latest WiFi 7 MLO technology, the system's wireless and wired combined 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.

## **Smart Security for Smart Living**

HomeShield provides a series of built-in services that protect all your devices comprehensively with various features for when you're at home or on the go. With HomeShield, safer internet experiences bring more happiness to your smart living.

### Network Protection

Simply configure your gateway and achieve whole home network security. HomeShield examines your network by scanning and identifying potential risks, stopping them in their tracks before they harm your network.

### Parental Controls

Parental Controls protect your kids, while helping them maintain healthy digital habits. Parents can set app blocking, web filtering, YouTube restrictions, SafeSearch, and online time limits to keep kids safe while they're having fun online.

### Maintain Protection Away from Home

Devices remain secure everywhere with devices security app. And through KidShield, parents can monitor their kids' locations and set geofencing. This way, kids stay digitally protected even on the go.

## **Seamless AI-Driven Mesh**

### **Uninterrupted Streaming when Moving Between Rooms**

Deco Mesh forms a unified network with a single network name. With built-in AI-Roaming technology, it creates the ideal WiFi solution with its advanced algorithms and self-learning. Walk through your home and enjoy seamless streaming at the fastest possible speeds.

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## **Simple. Easy. Yet Powerful.**

Setup and manage your network anytime and anywhere on the friendly TP-Link Deco app. In just three easy steps your entire home can be blanketed in strong and reliable WiFi.

## **Easy Management**

Manage your WiFi at home or away on the Deco app. See every connected device, prioritize your own, and set up a guest network.

## **Voice Control**

Use an Amazon Alexa or Google Assistant-enabled device to control Deco BE85 with just your voice.

## **All Decos Work Together**

Deco BE85 is compatible with every other Deco model to form a Mesh network. Expand Mesh WiFi coverage anytime by adding more Decos.

- 12-Stream 19 Gbps Tri-Band WiFi - 11520 Mbps (6 GHz) + 5760 Mbps (5 GHz) + 1376 Mbps (2.4 GHz)
- Unprecedented 10 Gbps Network - 1× 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1× 10 Gbps WAN/LAN port + 2× 2.5 Gbps ports ensure max flexibility and boosted throughput
- Wireless and Wired Combined Backhaul - Connects a wireless and wired backhaul with each unit simultaneously to improve overall throughput and reduce latency
- Multi-Link Operation (MLO) - Simultaneously send and receive data across different bands and channels to increase throughput, reduce latency, and improve reliability
- 320 MHz Channels - Double the bandwidth and enables many more simultaneous transmissions at the fastest possible speeds
- Works on the 6 GHz Band - Minimizes congestion with greenfield spectrum, delivering robust high-speed connections
- TP-Link HomeShield - Provides comprehensive network protection, robust parental controls, and real-time IoT security
- Universal Compatibility - Backward compatible with all WiFi generations and works with any internet service provider (ISP) and modem

Summary: TP-Link BE19000 Whole Home Mesh Wi-Fi 7 System(Tri-Band). Product colour: White, Antenna type: Internal, Product type: Mesh system. Wi-Fi band: Tri-band (2.4 GHz / 5 GHz / 6 GHz),

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Top Wi-Fi standard: Wi-Fi 7 (802.11be), WLAN data transfer rate (max): 19000 Mbit/s. Firewall security: SPI Firewall, Mobile operating systems supported: Android, iOS, Parental control features: Bedtime, Content filter, Custom profiles, Family time, Pause the Internet, Time controls, Time.... AC input voltage: 100 - 240 V, AC adapter input current: 2 A, AC input frequency: 50 - 60 Hz. Compliance certificates: RoHS, CE | Vendor Homepage: [https://www.tp-link.com/uk/home-networking/deco/deco-be85/\(eu\)%20v1%20\(2-pack\)/](https://www.tp-link.com/uk/home-networking/deco/deco-be85/(eu)%20v1%20(2-pack)/) | Antenna type: Internal | Antennas quantity: 8 | LED indicators: Yes | Product colour: White | Product type: Mesh system | Reset button: Yes | Transmit power: CE: 20 dBm (2.4 GHz), 30 dBm (5 GHz), 23 dBm(6 GHz) | Apps supported: TP-Link Deco | Dynamic DNS (DDNS): Yes | Dynamic IP: Yes | Guest access: Yes | IGMP proxy: Yes | IGMP snooping: Yes | Number of guest networks (2.4 GHz): 1 | Number of guest networks (5 GHz): 1 | Security algorithms: WPA/WPA2/WPA2-PSK/WPA3 | Static IP: Yes | Tagged VLAN: Yes | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | VPN support: OpenVPN Client PPTP VPN Client L2TP VPN Client OpenVPN Server PPTP VPN Server L2TP VPN Server | Wi-Fi band: Tri-band (2.4 GHz / 5 GHz / 6 GHz) | Wi-Fi standards: 802.11a/802.11b/802.11g/Wi-Fi 4 (802.11n)/Wi-Fi 5 (802.11ac)/Wi-Fi 6 (802.11ax)/Wi-Fi 7 (802.11be) | WLAN data transfer rate (first band): 1376 | WLAN data transfer rate (max): 19000 | WLAN data transfer rate (second band): 5760 | WLAN data transfer rate (third band): 11520 | Mobile network generation: Not supported | DHCP client: Yes | DHCP server: Yes | Firewall security: SPI Firewall | Firmware upgradeable via: Network | Mobile operating systems supported: Android/iOS | MU-MIMO technology: Yes | Parental control: Yes | Parental control features: Bedtime,Content filter,Custom profiles,Family time,Pause the Internet,Time controls,Time rewards,Weekly/monthly reports | Port forwarding: Yes | Quality of Service (QoS) support: Yes | Universal Plug and Play (UPnP): Yes | Works with Amazon Alexa: Yes | DC-in jack: Yes | Ethernet LAN (RJ-45) ports: 4 | Ethernet WAN: Yes | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity: 1 | AC adapter input current: 2 | AC adapter output current: 5 | AC adapter output voltage: 15 | AC input frequency: 50 - 60 | AC input voltage: 100 - 240 | Compliance certificates: CE/RoHS | Sustainability compliance: Yes | Operating relative humidity (H-H): 10 - 90 | Operating temperature (T-T): 0 - 40 | Storage relative humidity (H-H): 5 - 90 | Storage temperature (T-T): -40 - 60 | Depth: 128 | Height: 236 | Width: 128 | AC adapter included: Yes | Ethernet cable: Yes | Number of products included: 2 | Number of units included: 2 | Package depth: 334.2 | Package height: 201 | Package weight: 5640 | Package width: 288 | Model name: Deco BE85 V1 | Units per Shipping Box: 1 | Unit Calculated Volume: 0.01943 | Unit Calculated Weight: 5.75

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