

NET-TL-DECO-BE85-2PK

TP-Link Deco BE85 BE19000 Whole Home WiFi 7 - 2 pack

Product Overview

TP-Link Deco BE85 BE19000 Whole Home WiFi 7 - 2 pack, 11520 Mbps @ 6GHz, 5760 Mbps @ 5GHz, 1376 Mbps @ 2.4GHz, TP-Link Mesh technology, Ai-driven Mesh, 8x High-Gain antennas (Internal), Tri-band, 4x4 MU-MIMO, 12 streams, Router mode / Access Point mode, 1x 10 Gbps Ethernet Port, 1x 10 Gbps SFP+/RJ45 combo Port, 2x 2.5 Gbps Ethernet Port, 1x USB 3.0 Port





Specifications

Overview:

BE19000 Tri-Band Whole Home Mesh WiFi 7 System

- 12-Stream 19 Gbps Tri-Band WiFi -11520 Mbps (6 GHz) +5760 Mbps (5 GHz) +1376 Mbps (2.4 GHz).
- Unprecedented 10 Gbps Network - 1x 10 Gbps Ethernet/Fiber Combo WAN/LAN port + 1x 10 Gbps WAN/LAN port + 2x 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.

Features:

BE19000 Whole Home Mesh WiFi 7 System

- Deco BE85
- Tri-Band WiFi 7 Speeds up to 19 Gbps
- Seamless AI Roaming
- TP-Link HomeShield
- Multi-Link Operation
- 4K-QAM
- A True Whole Home Multi-Gigabit Mesh WiFi
- Connect Over 200 Devices
- Fiber and Ethernet 10G Connectivity
- Up to 320 MHz Bandwidth

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.

- Extremely High Throughput
- Wi-Fi 6

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- Wi-Fi 5
- 3.6x Faster WiFi than WiFi 6E Mesh
- 4x Lower Latency For Smooth Video and Gaming
- Higher Capacity Connects over 200 Devices

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.

- 6 GHz 11520 Mbps
- 5 GHz 5760 Mbps
- 2.4 GHz 1376 Mbps

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.

- 2x 2.5 Gbps WAN/LAN Ports
- 10 Gbps WAN/LAN Ports
- 10 Gbps RJ45/SFP+ WAN/LAN Combo Port Able to convert fiber data to Ethernet cable data with an SFP module
- 1x USB 3.0 Port

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.

Wi-Fi Coverage in All Directions

8x High-Gain Antennas

Incredible Processing Performance

Quad-CoreCPU

Superior Range for Better Performance

12x High-Power FEMs

Optimal Thermal Performance Under Load

2x Internal Cooling Fans

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.

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. You can create different VPN connection types, including OpenVPN, PPTP, L2TP/IPSec VPN. Besides, Deco can run both the VPN and ordinary internet connections at the same time, delivering security and flexibility.

Private IoT Network for More Security

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

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.

- Seamless Roaming with One WiFi Name
- Sophisticated Algorithms
- Seamless AI-Driven Mesh
- Customized WiFi

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.

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

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.

Specifications:

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Specifications	
Product Code	NET-TL-DECO-BE85-2PK
WIRELESS	
Standards	Wi-Fi 7
	IEEE 802.11be/ax 6 GHz
	IEEE 802.11be/ax/ac/n/a 5 GHz
	IEEE 802.11be/ax/n/b/g 2.4 GHz
WiFi Speeds	BE19000
	6 GHz: 11520 Mbps (802.11be)
	5 GHz: 5760 Mbps (802.11be)
	2.4 GHz: 1376 Mbps (802.11be)

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WiFi Range	Broader Whole Home Coverage
	TP-Link Mesh Technology
	Optional Ethernet backhaul work together to link Deco units to provide seamless coverage
	AI-Driven Mesh
	Intelligently learns the network environment to provide ideal Wi-Fi unique to your home
	8 x High-Gain Antennas (Internal)
	Multiple antennas form a signal-boosting array to cover more directions and large areas
	Tri-Band
	The greenfield 6 GHz band brings more bandwidth and faster speeds
WiFi Capacity	Very High
	Tri-Band
	Distribute devices to different bands for optimal performance
	4 x 4 MU-MIMO
	Simultaneously communicates with multiple MU-MIMO clients
	OFDMA
	Simultaneously communicates with multiple WiFi 7 clients
	12 Streams
	More than enough bandwidth for connected devices
Working Modes	Router Mode
	Access Point Mode
Advanced Functions	Multi-Link Operation (MLO)
	320 MHz Channel
	4K-QAM
	Multi-RUs
	Works with Alexa and Google Assistant
SECURITY	
Network Security	SPI Firewall
	Access Control
	HomeShield Security
	Real-Time IoT Protection
	Malicious Site Blocker
	Intrusion Prevention System
	DDoS Attack Prevention
	Home Network Scanner

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Guest Network	1 x 6 GHz Guest Network
	1 x 5 GHz Guest Network
	1 x 2.4 GHz Guest Network
	Effective Time
	Bandwidth Control
VPN Server	OpenVPN Server
	PPTP VPN Server
	L2TP/IPSec VPN Server
VPN Client	OpenVPN Client
	PPTP VPN Client
	L2TP/IPSec VPN Client
WiFi Encryption	WPA-Personal
	WPA2-Personal
	WPA3-Personal
HARDWARE	
Ethernet Ports	1 x 10 Gbps
	1 x 10 Gbps SFP+/RJ45 Combo
	2 x 2.5 Gbps
	*Per Deco Unit
	Supports WAN/LAN auto-sensing
USB Support	1 x USB 3.0 Port
	FTP Server
	Media Server
	Apple Time Machine
	Samba Server
Buttons	1 x Reset Button
	1 x WPS
SOFTWARE	
Advanced Features	Reboot Schedule
	Tapo/Kasa Onboarding
	IoT network & Device Isolation
	Static Route Function
	Node/Band Connection Preference
Protocols	IPv4
	IPv6
Service Kits	HomeShield

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Parental Controls	HomeShield Parental Controls
	Youtube Restriction
	SafeSearch
	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 Types	Dynamic IP
	Static IP
	PPPoE
	PPTP
	L2TP
Quality of Service	HomeShield QoS
	QoS by Device
Cloud Service	OTA Firmware Upgrade
	TP-Link ID
	DDNS
NAT Forwarding	Port Forwarding
	UPnP
IPTV	IGMP Proxy
	IGMP Snooping
	Bridge
	Tag VLAN
DHCP	Address Reservation
	DHCP Client List
	Server
DDNS	TP-Link
Management	Deco App
PHYSICAL	
Dimensions (W x D x H)	5.04 x 5.04 x 9.29 in (128 x 128 x 236 mm)

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Product Specification Sheet

Package Contents	Deco BE85 (2-pack)
	2 Deco BE85 units
	1 RJ45 Ethernet cable
	2 Power adapters
	Quick Installation Guide
	Deco BE85 (1-pack)
	1 Deco BE85 unit
	1 RJ45 Ethernet cable
	1 Power adapter
	Quick Installation Guide
OTHERS	
Certifications	CE, FCC, RoHS
Environment	Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF)
	Storage Temperature: -40 degreesC~60 degreesC (-40 degreesF~140 degreesF)
	Operating Humidity: 10%~90% RH
	Storage Humidity: 5%~90% RH

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/NET-TL-DECO-BE85-2PK-TP-Link-Deco-BE85-BE19000-Whole-Home-WiFi-7-2-pack-p-294775.php>

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