

TP-DECOBE85-1P

TP-Link Deco BE85 BE19000 Whole Home WiFi 7 - 1 pack

Product Overview

TP-Link Deco BE85 BE19000 Whole Home WiFi 7 - 1 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 Summary:

The TP-Link Deco BE85 WiFi 7 system brings next-level connectivity to your home or office, delivering blazing-fast speeds of up to 19 Gbps, ensuring reliable connections for all your devices. Featuring tri-band technology, AI-driven mesh, and a suite of advanced security features, the Deco BE85 guarantees seamless coverage, ultra-low latency, and robust wired options, including 10 Gbps Ethernet ports. This powerful, easy-to-set-up Wi-Fi system is perfect for smart homes and modern offices. Shop now and experience high-performance Wi-Fi across all your devices.

Performance tier:High-end

Uses:Whole home Wi-Fi, Smart homes, Office networks, Gaming, Streaming, Remote work, Multi-device households

Overview:

BE19000 Tri-Band Whole Home Mesh WiFi 7 System: A New Era of Connectivity

The TP-Link Deco BE85 is a next-gen WiFi system that leverages the power of WiFi 7 to bring blazing-fast speeds, ultra-low latency, and seamless coverage to your home or office. With tri-band support and cutting-edge technology, the Deco BE85 delivers a fast, reliable connection across multiple devices, enabling uninterrupted streaming, gaming, and work.

Description:

The Deco BE85 WiFi 7 system combines high-speed performance with advanced security and easy management. Capable of speeds up to 19 Gbps across three bands, including a dedicated 6 GHz band, it offers unparalleled coverage and low-latency connections. The system features robust wired options, including 10 Gbps Ethernet ports, ensuring flexibility for both fiber and copper connections. Additionally, TP-Link's HomeShield provides top-notch security for all your devices. With seamless roaming and simple setup, the Deco BE85 is perfect for modern smart homes.

Features:

Blazing-Fast Speeds for Every Device

Experience next-level WiFi with the Deco BE85's tri-band system. Capable of reaching speeds of up to 19 Gbps, it ensures that each device in your home receives optimal bandwidth for smooth streaming, fast downloads, and reliable online gaming.

- 6 GHz: 11,520 Mbps
- 5 GHz: 5,760 Mbps
- 2.4 GHz: 1,376 Mbps

With these high speeds, the Deco BE85 keeps all your connected devices running at their best, offering a superior experience whether you're browsing, gaming, or working from home.

Unprecedented Wired Connectivity

Take your network to the next level with the Deco BE85's advanced wired options. Equipped with two 10 Gbps WAN/LAN ports, one RJ45/SFP+ combo port, and two 2.5 Gbps ports, this system ensures flexible, ultra-fast wired connections, making it an ideal choice for fiber optic connections and future-proofing your network.

- 2x 2.5 Gbps WAN/LAN ports
- 10 Gbps WAN/LAN ports
- 10 Gbps RJ45/SFP+ WAN/LAN Combo port

With these high-speed ports, you can easily connect high-bandwidth devices like gaming consoles, desktops, and NAS servers, ensuring they receive a stable and fast connection.

WiFi 7: The Future of Wireless Technology

WiFi 7 brings a significant performance boost over its predecessors. Deco BE85 supports Multi-Link Operation (MLO), which combines both wireless and wired backhaul for increased throughput and reduced latency. With its 320 MHz channels and ability to handle over 200 devices, this system offers a high-capacity, low-latency experience for large homes or offices.

- 320 MHz Channels for faster, more efficient transmission
- Handles over 200 devices with ease
- MLO technology for superior performance

This makes the Deco BE85 a powerful choice for smart homes with multiple devices connected simultaneously.

Superior Range and Coverage

Say goodbye to dead zones with Deco BE85's 8 high-gain antennas and advanced thermal management. The system ensures strong, stable signals across your entire home, whether in a small apartment or large multi-floor house.

- 8 High-Gain Antennas for optimal coverage
- 12 High-Power FEMs for superior range and performance
- Dual cooling fans for better thermal management

These features ensure that you can enjoy seamless WiFi in every corner of your home, even in the most challenging environments.

Smart Security for Peace of Mind

TP-Link HomeShield offers advanced security features to protect your devices and data. Whether you're at home or on the go, your network will be shielded from threats with real-time IoT security, robust parental controls, and VPN support.

- Private IoT network for better device security
- VPN server and client support for secure remote access
- WPA3 encryption for the highest security

With HomeShield, you can enjoy safe and uninterrupted browsing, gaming, and streaming.

Seamless Roaming with AI Technology

Deco BE85's AI-powered roaming technology ensures that you can move freely throughout your home without losing connection. As you walk from room to room, your devices automatically switch to the best available signal, ensuring smooth, uninterrupted service.

- AI-driven roaming for seamless transitions between rooms
- One WiFi name for the entire home
- Self-learning algorithms for optimal performance

This means you can enjoy uninterrupted streaming or gaming as you move throughout your space.

Effortless Setup and Control

Setting up your Deco BE85 system is quick and easy. With the TP-Link Deco app, you can set up your WiFi network in just three simple steps, and manage it from anywhere.

- Easy three-step setup
- Full network control via the Deco app
- Prioritize devices and set up guest networks

The app also lets you view connected devices, run diagnostics, and monitor network activity in real time.

Voice Control Integration

For added convenience, Deco BE85 works with Amazon Alexa and Google Assistant, allowing you to manage your network with just your voice. Whether you need to pause the internet for a device or check your network's status, it's all possible with simple voice commands.

Future-Proof Your Home Network

Deco BE85 is compatible with all other Deco models, enabling you to easily expand your mesh network by adding more Decos. Whether you're upgrading an existing system or expanding your coverage, Deco BE85 ensures you're always ready for the next generation of WiFi technology.

Key Takeaways:

- 19 Gbps WiFi Speeds:Blazing-fast speeds across tri-band WiFi for seamless performance.
- 10 Gbps Wired Connectivity:High-speed Ethernet ports for flexible, future-proof connections.
- WiFi 7 Technology:Unprecedented performance, capacity, and low latency with the latest WiFi 7 features.
- AI-Driven Roaming:Ensures seamless coverage as you move throughout your home.
- Advanced Security:TP-Link HomeShield provides comprehensive protection against threats.
- Easy Setup and Management:User-friendly app for fast setup and continuous network control.

Specifications:

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Specifications	
Product Code	TP-DECOBE85-1P
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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Product Specification Sheet

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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Product Specification Sheet

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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Product Specification Sheet

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: 0degreesC~40degreesC (32 degreesF~104 degreesF)
	Storage Temperature: -40degreesC~60degreesC (-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/TP-DECOBE85-1P-TP-Link-Deco-BE85-BE19000-Whole-Home-Buy-p-331906.php>

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