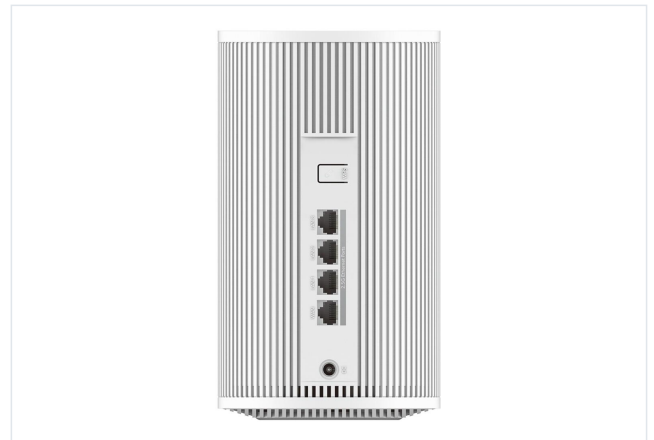


M11000 2PACK

Cudy M11000 BE11000 Wi-Fi 7 Tri-band Mesh Wi-Fi System - 2 Pack - White

Product Overview

Cudy M11000 BE11000 Wi-Fi 7 Tri-band Mesh Wi-Fi system - 2 pack - White, Up to 5765 Mbps @ 6GHz Wi-Fi Speed, Up to 4324 Mbps 5GHz Wi-Fi Speed, Up to 688 Mbps 4 GHz Wi-Fi Speed, 6-stream Tri-band, 2x2 MIMO on All bands, Up to 300 Maximum connected devices, 6x internal fixed antennas, 4x 2.5Gbps RJ45 Ethernet Ports (1x WAN / 3x LAN), Cudy Mesh, Operation modes - Router, Access Point / Range Extender / WISP / Client



Specifications

Overview Summary:

The Cudy BE11000 Wi-Fi 7 tri-band mesh system is built for South African homes that demand fast, stable and future-ready internet. With next-generation Wi-Fi 7 technology and seamless mesh coverage, it delivers smooth streaming, responsive gaming and reliable connections across large living spaces. Whether you're working from home, gaming online or running multiple smart devices, this system keeps everything connected without slowdowns.

Designed to be simple to set up and easy to manage, the Cudy app gives you full control of your home network in minutes. Powerful wired and wireless performance makes this mesh system ideal for modern households that want dependable speed throughout the home. Upgrade your network today and enjoy a smarter, faster internet experience-buy now and shop with confidence.

Performance tier:High-end

Uses:Whole-home Wi-Fi, online gaming, 4K and 8K streaming, smart homes, remote work, home offices

Overview:

The Cudy M11000 BE11000 Wi-Fi 7 Tri-Band Mesh Wi-Fi System (2-pack) is built for modern homes that demand speed, stability, and intelligent connectivity. Designed to handle intensive streaming, competitive gaming, remote work, and large smart-home ecosystems, it delivers next-generation wireless performance with consistent coverage across up to 250m². With tri-band architecture, advanced Wi-Fi 7 technology, and powerful hardware, this mesh system transforms everyday internet use into a smooth, high-capacity networking experience that keeps every device connected without slowdowns.

Description:

The Cudy BE11000 mesh system delivers ultra-fast Wi-Fi 7 speeds, seamless whole-home coverage, and reliable multi-device performance in one powerful solution. It combines tri-band connectivity, intelligent mesh networking, advanced security, and app-based management to create a stable, high-speed home network for streaming, gaming, smart devices, and remote work. With support for hundreds of connected devices and high-speed 2.5Gbps Ethernet ports, it provides both wireless freedom and wired performance for demanding digital lifestyles.

Features:

Next-generation Wi-Fi 7 performance

Powered by Wi-Fi 7 (802.11be), this system delivers combined wireless speeds of up to 11 Gbps across the 2.4 GHz, 5 GHz, and 6 GHz bands. The expanded 320 MHz channel width and 4K-QAM modulation allow more data to move faster and more efficiently across your network. Multi-Link Operation enables devices to connect across multiple bands simultaneously, reducing latency and improving reliability for high-demand activities such as 4K streaming, cloud gaming, and video conferencing.

Whole-home mesh coverage without dead zones

The tri-band mesh design creates a unified wireless network that blankets your home in stable, high-speed connectivity. With dedicated spectrum for each band, traffic is balanced intelligently to prevent congestion and buffering. Internal antennas and smart mesh routing ensure consistent signal strength in every room, making this system ideal for large homes, multi-storey layouts, and device-heavy environments.

Built for smart homes and high device counts

Supporting up to 300 connected devices, the system is perfectly suited for smart homes filled with cameras, sensors, TVs, consoles, laptops, and mobile devices. OFDMA and MU-MIMO technologies allow multiple devices to communicate efficiently at the same time, ensuring smooth performance even during peak usage.

Security and smart control in one platform

Advanced WPA3 security protects your network from unauthorised access, while powerful management tools give you full control. The Cudy App allows easy setup, real-time monitoring, guest networks, parental controls, and cloud management from anywhere. Built-in VPN support enables secure remote access, and QoS prioritisation ensures important devices always get the bandwidth they need.

High-speed wired connectivity

Each unit includes four 2.5Gbps Ethernet ports, delivering ultra-fast wired connections for gaming PCs, smart TVs, NAS systems, and workstations. This ensures maximum performance for devices that demand stable, low-latency connections alongside wireless speed.

Key benefits

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Product Specification Sheet

- Ultra-fast tri-band Wi-Fi 7 speeds up to 11 Gbps for streaming, gaming, and work
- Seamless mesh coverage across up to 250m² for consistent whole-home connectivity
- Stable performance for up to 300 connected devices in smart homes
- Low-latency networking with Multi-Link Operation, OFDMA, and MU-MIMO
- Secure networking with WPA3 encryption and advanced VPN support
- Simple setup and control using the Cudy App with cloud management
- High-speed 2.5Gbps Ethernet ports for premium wired performance
- Flexible operation modes including router, access point, range extender, WISP, and client

Technical details

- Tri-band mesh Wi-Fi system with Wi-Fi 7 (802.11be)
- Wireless bands: 2.4 GHz, 5 GHz, 6 GHz
- Total wireless speed: up to 11 Gbps
- 6 GHz speed: up to 5765 Mbps
- 5 GHz speed: up to 4324 Mbps
- 2.4 GHz speed: up to 688 Mbps
- 6-stream tri-band design with 2x2 MIMO on all bands
- 320 MHz channel width and 4K-QAM modulation
- Internal antennas: 6 per unit
- Ethernet: 4x 2.5Gbps ports per unit (1 WAN, 3 LAN)
- Mesh backhaul: wired and wireless
- App control and cloud management supported
- Security: WPA, WPA2, WPA3
- VPN support: WireGuard, OpenVPN, IPsec, Zerotier, PPTP, L2TP
- IPv6, IPTV, VLAN supported
- Coverage (2-pack): up to 250m²

What's included

- Cudy BE11000 Wi-Fi 7 tri-band mesh units x2
- Power adapters x2
- Ethernet cable x1
- User manual x1

Why choose Cudy

Cudy delivers high-performance networking solutions designed for modern connected homes. With a focus on speed, reliability, and intelligent control, Cudy products provide powerful connectivity that supports digital lifestyles, smart homes, and demanding online environments with confidence and stability.

Specifications:

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Specifications	
Product Code	M11000 2PACK
Product type	Tri-band mesh Wi-Fi system
Wi-Fi standard	Wi-Fi 7 (802.11be)

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Product Specification Sheet

Wireless bands	2.4 GHz + 5 GHz + 6 GHz
Total Wi-Fi speed	Up to 11 Gbps
6 GHz Wi-Fi speed	Up to 5765 Mbps
5 GHz Wi-Fi speed	Up to 4324 Mbps
4 GHz Wi-Fi speed	Up to 688 Mbps
Wi-Fi streams	6-stream tri-band
MIMO configuration	2x2 MIMO on all bands
Channel width	Up to 320 MHz
Wi-Fi modulation	4K-QAM
Multi-Link Operation (MLO)	Yes
OFDMA(multi-device support)	Yes
MU-MIMO (Multi-User, Multiple Input, Multiple Output)	Yes
Beamforming	Yes
Maximum connected devices	Up to 300
Recommended client limit	300
CPU chipset	Qualcomm IPQ5322
Processor	1.5 GHz quad-core ARM Cortex-A53
RAM	512 MB DDR4
Storage	128 MB NAND flash
Antenna type	6x internal fixed antennas
Ethernet ports	4x 2.5Gbps RJ45 per unit
WAN port	1x 2.5Gbps per unit
LAN ports	3x 2.5Gbps per unit
Mesh support	Yes (Cudy Mesh)
Mesh backhaul	Wireless and wired
Operation modes	Router, access point, range extender, WISP, client
Security	WPA / WPA2 / WPA3
Guest network	2.4 GHz, 5 GHz, 6 GHz
VPN support	WireGuard, OpenVPN, IPsec, Zerotier, PPTP, L2TP
App control	Yes (Cudy App)
Cloud management	Yes
Parental controls	Yes
QoS	Per-user rate limiting
IPTV / VLAN support	Yes
IPv6 support	Yes
Buttons	WPS, reset

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Product Specification Sheet

Power input	DC 12V / 2A per unit
Power consumption	22 W per unit
Installation type	Desktop
Operating temperature	0degreesC to 40degreesC
Storage temperature	-40degreesC to 70degreesC
Operating humidity	10%-90% non-condensing
Storage humidity	5%-95% non-condensing
Indoor coverage (2-pack)	Up to 250m ²
Diameter	12 cm per unit
Height	20 cm per unit

Product Information Online

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

Product page: <https://www.comx.co.za/M11000-2PACK-Cudy-M11000-BE11000-Wi-Fi-7-Tri-band-Mesh-Buy-p-334048.php>

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