

M3000 (3-Pack)

Cudy M3000(3-Pack) AX3000 Wi-Fi 6 Mesh 2.5G Solution, 1.3 GHz Dual-Core CPU, 4-Stream Dual-Band Wi-Fi 6, 2402 Mbps + 574 Mbps Wi-Fi, 200 Connected Devices, Fast Roaming, Cudy Mesh, VPN Server and Client, Multi-Band Simultaneous Backhaul, Cudy App, Cloud Control



Model	M3000 (3-Pack)
Brend	Cudy
Qoşulma sayı	250+
WIFI	WiFi6
Genişlik	Dual band
Mesh	Mesh
Tezlik	2.4Ghz/5Ghz

Specification

M3000 1.0	
Chipset	MT7981
CPU Details	1.3 GHz Dual-Core, ARM Cortex-A53
Flash/ROM	128 MB (1 Gbit) NAND
DDR/RAM	256 MB (2 Gbit) DDR3
5 GHz Wi-Fi Speed	2402 Mbps
2.4 GHz Wi-Fi Speed	574 Mbps
5 GHz Wi-Fi Streams	2T2R (2x2 MIMO)
2.4 GHz Wi-Fi Streams	2T2R (2x2 MIMO)
Wi-Fi Antennas	5x Internal
5 GHz Antenna Gain Max	5.1dBi
2.4 GHz Antenna Gain Max	4.2dBi
FEM or PA/LNA	<ul style="list-style-type: none"> • 5 GHz: 3x Internal • 2.4 GHz: 2x Internal
Beamforming	True
Range Performance	Max: 220 m (722 ft) Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions.

Wall Performance	Two wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 20 cm (7") or two concrete walls with thickness < 10 cm (4")
Multi-Pack Indoor Coverage	2 Pack: 400 m ² (4300 sq ft) 3 Pack: 600 m ² (6500 sq ft) Applied to wireless backhaul situation. Place in the center of each floor, with a maximum of three obstacles to each room.
2.5G RJ45 Ports	1
Gigabit RJ45 Ports	1
Ethernet Notes	The 2.5G port is WAN port, the Gigabit port is LAN port
LED	<ul style="list-style-type: none"> • System • Speed/Link/ACT of Ethernet Port
Physical Buttons	<ul style="list-style-type: none"> • WPS Button • Reset Button
Power Input	DC Jack
Power Methods	DC
DC	12V 1A
Power Adapter	Input: 100 ~ 240 V, 50/60 Hz AC Output: 12V 1A DC
Environment	<ul style="list-style-type: none"> • Operating Temperature: 0 ° ~ 40 ° (32 ° ~ 104 °) • Storage Temperature: -40 ° ~ 70 ° (-40 ° ~ 158 °) • Humidity: 10% ~ 90% non-condensing • Storage Humidity: 5% ~ 95% non-condensing
FCC, CE	
Installation	Desktop
Dimension	Φ110×154.5 mm Φ4.33×6.08 inches
Product Weight	360 g (12.7 oz.)
Retail Package Weight	<ul style="list-style-type: none"> • 1-Pack EU / US: 680 g (23.99 oz.) • 3-Pack EU / US: 1500 g (52.91 oz.) • 2-Pack EU / US: 1100 g (38.8 oz.) • 3-Pack EU / US: 1827 g (64.45 oz.)
Retail Package Dimension	<ul style="list-style-type: none"> • 1-Pack: 145×130×265 mm 5.71×5.12×10.43 inches • 2-Pack: 330×130×265 mm 12.99×5.12×10.43 inches • 3-Pack: 380×130×265 mm 14.96×5.12×10.43 inches
Units per Carton	<ul style="list-style-type: none"> • 1-Pack: 16 • 2-Pack: 8 • 3-Pack: 4
Carton Dimension	<ul style="list-style-type: none"> • 1-Pack: 57×56×26 cm 22.44×22.05×10.24 inches • 2-Pack: 55×54.5×35.3 cm 21.65×21.46×13.9 inches • 3-Pack: 53.6×40×28.7 cm 21.1×15.75×11.3 inches
Carton Gross Weight	<ul style="list-style-type: none"> • 1-Pack EU / US: 12.2 kg (26.9 lbs) • 3-Pack EU / US: 9.6 kg (21.16 lbs) • 2-Pack EU / US: 12 kg (26.46 lbs) • 3-Pack EU / US: 8.2 kg (18.08 lbs)

Carton Net Weight	<ul style="list-style-type: none"> • 1-Pack EU / US: 10.9 kg (24.03 lbs) • 3-Pack EU / US: 8.5 kg (18.74 lbs) • 2-Pack EU / US: 11.5 kg (25.35 lbs) • 3-Pack EU / US: 7.3 kg (16.09 lbs)
M3000 1.0	
Wi-Fi Standards	Wi-Fi 6
Max Wi-Fi Modulation	1024-QAM
Wi-Fi Efficiency	<ul style="list-style-type: none"> • OFDMA • MU-MIMO • BSS Color
Max Capacity	512
Recommended Client Upper Limit	200
Max Wi-Fi Channel Width	160 MHz
Wi-Fi Security	WPA/WPA2/WPA3
Guest Network	2.4 GHz, 5 GHz
WPS	True
Operation Modes	<ul style="list-style-type: none"> • Wi-Fi Router • Access Point • Range Extender • WISP • Client
Mesh	Cudy Mesh
Mesh Backhaul	<ul style="list-style-type: none"> • Wireless Backhaul • Wired Backhaul
Multi-Band Backhaul	true
WAN Mode	<ul style="list-style-type: none"> • DHCP • Static IP • PPPoE • PPTP • L2TP
Internet Failover Sequence	<ul style="list-style-type: none"> • WAN • WISP
QoS	Per-User Rate Limiting
DHCP	<ul style="list-style-type: none"> • Address Reservation • DHCP Client List • Server
IP Versions	IPv4/IPv6
IPv6 Protocols	<ul style="list-style-type: none"> • Relay • Dynamic (SLAAC/DHCPv6) • Staic (Fixed IP) • Passthrough • 464XLAT • MAP-E • DS-Lite
IPTV/VLAN	<ul style="list-style-type: none"> • Bridge • Tag VLAN
TTL Customization	<ul style="list-style-type: none"> • Extend • Spoof • Custom
IGMP	<ul style="list-style-type: none"> • IGMP Proxy • IGMP Snooping

Forwarding	<ul style="list-style-type: none"> • Port Forwarding • Port Triggering • UPnP • DMZ
Firewall	<ul style="list-style-type: none"> • SPI Firewall • DoS Protection • Block PING
Application Layer Gateway	<ul style="list-style-type: none"> • IPSec Passthrough • L2TP Passthrough • PPTP Passthrough • FTP Passthrough • TFTP Passthrough • H323 Passthrough • SIP Passthrough • RTSP Passthrough
VPN Server	<ul style="list-style-type: none"> • WireGuard • OpenVPN • IPsec • Zerotier • PPTP • L2TP
VPN Client	<ul style="list-style-type: none"> • WireGuard • OpenVPN • IPsec • Zerotier • PPTP • L2TP
DNS Options	<ul style="list-style-type: none"> • DNS over TLS • Manual DNS • Rebind Protection • Override Clients' DNS
DNS over TLS Providers	<ul style="list-style-type: none"> • Cloudflare • Google • Quad9 • Custom
Wake on LAN	True
Online Detection	True
All Devices Management	<ul style="list-style-type: none"> • Wi-Fi Time Schedule • MAC Filter • IP/MAC Binding
Per-Devices Management	<ul style="list-style-type: none"> • Intenet On/Off • VPN On/Off • Online Time Schedule • Device Rename
Content Management	<ul style="list-style-type: none"> • Domain Filter • IP Filter
LED Control	ture
Local Control Method	<ul style="list-style-type: none"> • Config Web Page • App Control
Remote Control Method	<ul style="list-style-type: none"> • Config Page via HTTPS • App Control • TR069/TR098/TR111/TR181
Firmware Upgrade	<ul style="list-style-type: none"> • Local Update • App (Over the Air) • Online Update

<p>Reliability</p>	<ul style="list-style-type: none"> • Timed Reboot • Backup and Restore
<p>Diagnostic Tools</p>	<ul style="list-style-type: none"> • Diagnosis • Ping • Traceroute • NSLookup • System Log
<p>Languages</p>	<ul style="list-style-type: none"> • English • Bengali • Catalan • Czech • German • Greek • Spanish • French • Hebrew • Croatian • Hungarian • Italian • Japanese • Khmer • Korean • Dutch • Norwegian • Polish • Portuguese • Romanian • Russian • Slovak • Swedish • Thai • Turkish • Ukrainian • Vietnamese • Simplified Chinese • Traditional Chinese
<p>Panel</p>	<ul style="list-style-type: none"> • Internet Status • Mesh Status • Devices Management • WAN Status • LAN Status • WISP Status • Wi-Fi Status • VPN Status • DHCP Server Status • System Version
<p>Charts</p>	<ul style="list-style-type: none"> • Mesh Topology • Internet Speed • WISP Speed • Wi-Fi Speed