



Cudy WR6500 wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) Black



Brand : Cudy

Product code: WR6500

Product name : WR6500

- Broadcom 2 GHz Quad-Core CPU
- 6-Stream Dual-Band Wi-Fi 7
- 5765 Mbps + 688 Mbps Wi-Fi
- 5x Gigabit Ethernet Ports
- 200 Connected Devices
- Covers 140 m² (1,500 ft²)
- VPN Server and Client
- Cudy App, Cloud Control

6.5GBps, Wi-Fi7, 5xRJ-45, 140m2

Cudy WR6500. WAN connection type: RJ-45. Wi-Fi band: Dual-band (2.4 GHz / 5 GHz), Top Wi-Fi standard: Wi-Fi 7 (802.11be), WLAN data transfer rate (max): 5765 Mbit/s. Ethernet LAN interface type: Gigabit Ethernet. Security algorithms: WPA, WPA2, WPA3. Product type: Tabletop router, Product colour: Black

WAN connection		Protocols	
Ethernet WAN *	✓	DHCP client	✓
DSL WAN *	✗	DHCP server	✓
SIM card slot *	✗	Design	
3G/4G USB modem compatibility *	✗	Product colour	Black
WAN connection type	RJ-45	Wall mountable	✓
Wireless LAN features		Product type *	Tabletop router
Wi-Fi band *	Dual-band (2.4 GHz / 5 GHz)	Certificates	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Compliance certificates	CE, Federal Communications Commission (FCC)
WLAN data transfer rate (max) *	5765 Mbit/s	Packaging content	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)	Cables included	LAN (RJ-45)
WLAN data transfer rate (first band)	688 Mbit/s	AC adapter included	✓
WLAN data transfer rate (second band)	5765 Mbit/s	Antenna included	✓
Network		Quick installation guide	✓
Ethernet LAN *	✓	Antenna	
Ethernet LAN interface type *	Gigabit Ethernet	Antenna design *	Internal & external
Port forwarding	✓	Antenna type	3x3
Port triggering	✓	Antenna gain level (max)	5.27 dBi
Number of guest networks (2.4 GHz)	1	Antennas quantity	6
Number of guest networks (5 GHz)	1	Detachable antenna(s)	✗
Ports & interfaces		Features	
Ethernet LAN (RJ-45) ports *	4	Built-in processor	✓
USB port *	✗	Processor architecture	ARM Cortex A7
DC-in jack	✓	Processor frequency	2000 MHz
Management features		Processor cores	4
Web-based management	✓	Internal memory	512 MB
		Internal memory type	DDR4
		Flash memory	128 MB

Management features		Power	
Quality of Service (QoS) support	✓	Power source type *	DC
Wake-on-LAN ready	✓	AC input voltage	100 - 240 V
Reset button	✓	AC input frequency	50/60 Hz
WPS push button	✓	Output voltage	12 V
MU-MIMO technology	✓	Output current	1.5 A
MIMO	✓	Operational conditions	
Security		Operating temperature (T-T)	0 - 40 °C
Security algorithms	WPA, WPA2, WPA3	Storage temperature (T-T)	-40 - 70 °C
Firewall	✓	Operating relative humidity (H-H)	10 - 90%
Guest access	✓	Storage relative humidity (H-H)	5 - 95%
Filtering	✓	Weight & dimensions	
MAC address filtering	✓	Width	253 mm
IP address filtering	✓	Depth	152 mm
URL filtering	✓	Height	482 mm
IGMP snooping	✓	Weight	580 g
DMZ support	✓	Packaging data	
		Package width	431 mm
		Package depth	324 mm
		Package height	58 mm
		Package weight	1.19 kg



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Catalog Object Cloud



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