ComX Computers
Product Specification Sheet

CD-WR1200

Cudy WR1200 Dual Band WiFi 5 1200Mbps 5dBi Fast Ethernet Router

Product Overview

Cudy WR1200 Dual Band WiFi 5 1200 Mbps 5dBi Fast Ethernet Router, 867 Mbps @ 5GHz Wi-Fi Speed, 300 Mbps @ 2.4GHz Wi-Fi Speed, 4x fixed Wi-Fi antennas, beamforming, 5x 10/100 Mbps RJ45 Ports with 1 Port WAN











Specifications

Overview Summary:

The Cudy WR1200 AC1200 Dual-Band WiFi Router offers fast and reliable internet connectivity with combined speeds up to 1200 Mbps. Ideal for South African homes, this router supports smooth streaming, gaming, and multiple device connections with its advanced MU-MIMO and beamforming technology. Easy to set up and manage via the Cudy App, it also includes strong security features like WPA3 encryption and parental controls. Buy now to enjoy stable internet performance throughout your home.

Performance tier: Mid-range

Uses: Home internet, streaming, gaming, multiple device connectivity, parental control, secure VPN access

Overview:

Cudy WR1200 AC1200 Dual-Band WiFi Router: Fast and Reliable Internet for Your Home

Overview of the Cudy WR1200 Router:

The Cudy WR1200 is a dual-band WiFi 5 router designed for smooth streaming, gaming, and reliable internet access with speeds up to 100 Mbps. It features 4 high-gain antennas and advanced technologies like MU-MIMO and beamforming to deliver strong, consistent WiFi coverage across up to 100 square meters.

Features:

Key Specifications

- Dual-band WiFi 5 with combined speeds up to 1200 Mbps
- 867 Mbps on 5GHz band and 300 Mbps on 2.4GHz band
- Four fixed 5dBi antennas for improved signal strength
- Five Ethernet ports (1 WAN + 4 LAN) with fast 10/100 Mbps connections
- Supports up to 40 connected devices simultaneously
- Coverage area up to 100 m² (about 1,100 ft²)
- Multiple operating modes: Router, Access Point, Repeater, WISP, Client
- User-friendly Cudy App for easy network management

Powerful WiFi Performance for Multiple Devices
The router supports MU-MIMO technology, allowing it to communicate with multiple devices at the same time, reducing delays and improving overall network efficiency. Beamforming technology directs the wireless signal toward connected devices, enhancing coverage and connection stability.

Stable Wired Connections with Fast Ethernet Ports
Five Ethernet ports provide reliable and low-latency wired connections, ideal for gaming consoles, smart TVs, and desktop computers. These ports ensure uninterrupted streaming and fast data transfers.

Easy Setup and Intuitive Network Management
With the Cudy WR1200, setting up your network is quick and hassle-free. A clear network status panel helps you monitor system performance and connection health at a glance.

The router also offers comprehensive device management options, such as scheduling WiFi access times and creating

domain blacklists. This is perfect for controlling children's online activities and maintaining a safe browsing environment.

Advanced Security Features:

Protect your home network with WPA3 encryption, the latest standard in WiFi security, which safeguards your data against unauthorized access and potential leaks.

The router also supports multiple VPN protocols-including PPTP, L2TP, WireGuard, and OpenVPN-allowing secure remote access for your devices.

Parental Controls for Safer Internet Use
Easily set WiFi time limits and block inappropriate websites to protect family members. The parental control system supports customized profiles, making it simple to manage internet access for multiple devices individually.

Convenient Mobile Management via Cudy App
Control and monitor your network from anywhere using the Cudy App. The app supports local control, giving you full access to settings and parental controls right from your smartphone.

Specifications:

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Specifications	
Product Code	CD-WR1200
Model Version	
-	WR1200 2.0
CPU	
CPU Details	580 MHz Single-Core, MIPS24KEC
Memory/Storage	
Flash/ROM	8 MB (64 Mbit) NOR
DDR/RAM	64 MB (512 Mbit) DDR2
Wireless	
5 GHz Wi-Fi Speed	867 Mbps
2.4 GHz Wi-Fi Speed	300 Mbps
5 GHz Wi-Fi Streams	2T2R (2x2 MIMO)
2.4 GHz Wi-Fi Streams	2T2R (2x2 MIMO)
Wi-Fi Antennas	4x Fixed
Beamforming	True
Range Performance	Max: 170 m (558 ft)
	Tested in open-space environments with minimal interference. Actual WiFi range may vary depending on layout and wall materials. Refer to the Wall Performance specifications for placement suggestions.

Wall Performance	Two wooden walls with thickness < 10 cm (4")
	One concrete wall with thickness < 20 cm (7")
Interfaces	
10/100 Mbps RJ45 Ports	5
Ethernet Notes	1x WAN port, the rest are LAN ports
LED	Power
	Internet
	Speed/Link/ACT of Ethernet Port
	Wi-Fi
Physical Buttons	WPS Button
	Reset Button
Power Input	DC Jack
Power	
Power Methods	DC
DC Input	12V 1A
Power Adapter	Input: 100 ~ 240 V, 50/60 Hz AC
	Output: 12V 1A DC
Reliability	
Environment	Operating Temperature: 0 degreesC ~ 40 degreesC (32 degreesF ~104 degreesF)
	Storage Temperature: -40 degreesC ~ 70 degreesC (-40 degreesF ~ 158 degreesF)
	Humidity: 10% ~ 90% non-condensing
	Storage Humidity: 5% ~ 95% non-condensing
Certifications	
-	FCC, CE
Mechanical	
Installation	Desktop
	Wall-mount
Dimension	220x135x30 mm
	8.66x5.31x1.18 inches
Product Weight	EU: 259 g (9.14 oz.)
	ZH: 258.8 g (9.13 oz.)
Package Content	
-	WR1200
	Power Adapter
	Ethernet Cable
	Installation Guide
Ordering Information	

Retail Package Weight	EU: 651 g (22.96 oz.)
	ZH: 625.0 g (22.05 oz.)
Retail Package Dimension	290x250x64 mm
	11.42x9.84x2.52 inches
Units per Carton	16
Carton Dimension	53.8x51.6x31.3 cm
	21.18x20.31x12.32 inches
Carton Gross Weight	EU: 11.9 kg (26.23 lbs)
	ZH: 11.2 kg (24.69 lbs)
Carton Net Weight	EU: 10.4 kg (22.93 lbs)
	ZH: 10.0 kg (22.05 lbs)
Model Version	
-	WR1200 2.0
Wireless	
Wi-Fi Standards	Wi-Fi 5
Max Wi-Fi Modulation	256-QAM
Wi-Fi Efficiency	MU-MIMO
Wi-Fi Efficiency Note	MU-MIMO available on 5 GHz
Max Capacity	128
Recommended Client Upper Limit	40
Max Wi-Fi Channel Width	80 MHz
Wi-Fi Security	WPA/WPA2/WPA3
Guest Network	2.4 GHz, 5 GHz
WPS	True
General	
Operation Modes	Wi-Fi Router
	Access Point
	Range Extender
	WISP
	Client
WAN Mode	DHCP
	Static IP
	PPPOE
	PPTP
	L2TP
Network	
QoS	Per-User Rate Limiting

DHCP	Address Reservation
	DHCP Client List
	Server
IP Versions	IPv4/IPv6
IPv6 Protocols	Relay
	Dynamic (SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	464XLAT
	MAP-E
	DS-Lite
IPTV/VLAN	Bridge
	Tag VLAN
	VoIP VLAN
	IPTV VLAN
TTL Customization	Extend
	Spoof
	Custom
IGMP	IGMP Proxy
	IGMP Snooping
Forwarding	Port Forwarding
	Port Triggering
	UPnP
	DMZ
Firewall	SPI Firewall
	DoS Protection
	Block PING
Application Layer Gateway	IPSec Passthrough
	L2TP Passthrough
	PPTP Passthrough
	FTP Passthrough
	TFTP Passthrough
	H323 Passthrough
	SIP Passthrough
	RTSP Passthrough
Utilities	

VPN Client	OpenVPN
	Wireguard
	PPTP
	L2TP
DNS Options	Manual DNS
	Rebind Protection
	Override Clients' DNS
Wake on LAN	True
Online Detection	True
Management	
Parental Controls	Profiles Settings
	Offline Time
	Online Time
	Pause the Internet
	Web Filter
All Devices Management	Wi-Fi Time Schedule
	MAC Filter
	IP/MAC Binding
Per-Devices Management	Internet On/Off
	VPN On/Off
	Online Time Schedule
	Device Rename
Content Management	Domain Filter
	IP Filter
System	
Local Control Method	Config Web Page
	App Control
Remote Control Method	TR069/TR098/TR111/TR143/TR181
	Config Page via HTTP
Firmware Upgrade	Local Update
Reliability	Timed Reboot
	Backup and Restore
Diagnostic Tools	Diagnosis
	Ping
	Traceroute
	NSLookup
	System Log

Languages	English
	German
	Spanish
	French
	Hebrew
	Italian
	Portuguese
	Ukrainian
	Russian
	Korean
Dashboard	
Panel	Internet Status
	Devices Management
	WAN Status
	LAN Status
	WISP Status
	Wi-Fi Status
	VPN Status
	DHCP Server Status
	System Version
Charts	Internet Speed
	WISP Speed
	Wi-Fi Speed

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/CD-WR1200-Cudy-WR1200-Dual-Band-WiFi-5-1200Mbps-5dBi-Fast-Ethernet-Router-p-326615.php

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