

CD-WR1300

Cudy Dual Band AC 1200Mbps 5dBi Gigabit Mesh Router

Product Overview

Cudy WR1300 Dual Band AC 1200 Mbps 5dBi Gigabit Mesh Router, 1x 10/100/1000 Mbps WAN Port, 4x 10/100/1000 Mbps LAN Ports, 867 Mbps @ 5GHz, 300 Mbps @ 2.4GHz, 4x fixed Omni-Directional antennas



Specifications

Overview Summary:

The Cudy WR1300 AC1200 Dual Band Gigabit Wi-Fi Router delivers reliable wireless connectivity for homes and offices, with combined 2.4GHz and 5GHz Wi-Fi, five Gigabit Ethernet ports and flexible Router, Mesh, Repeater, WISP and Access Point modes. Its high-gain antennas and dual-core CPU support demanding activities such as 4K streaming and online gaming.

With VPN, DDNS, guest networking and OpenWrt support, the WR1300 offers versatile network management and expansion options. Buy now for a flexible AC1200 networking solution, or shop now to upgrade your home or office Wi-Fi.

Performance tier:Mid-range

Uses:home Wi-Fi, office networking, online gaming, 4K streaming, Mesh networking, Wi-Fi extension, access point deployment, VPN connectivity

Overview:

The Cudy WR1300 is a versatile AC1200 dual band WiFi router designed to provide fast and reliable wireless connectivity for homes, small offices and connected devices. With combined wireless speeds of up to 1200 Mbps, four 5dBi high gain antennas and five Gigabit Ethernet ports, it delivers strong coverage and dependable wired and wireless performance. The dual band design allows everyday browsing and smart home devices to use the 2.4GHz band while demanding activities such as 4K streaming and online gaming can take advantage of the faster 5GHz connection.

Description:

The Cudy WR1300 AC1200 dual band router combines high wireless performance, Gigabit networking and flexible operating modes in one compact solution. Its dual core processor and generous 128MB DDR3 memory help maintain smooth operation when multiple devices are connected, while the four high gain antennas improve wireless coverage and signal penetration. The router can also operate as a WiFi router, mesh router, repeater, access point or WISP router, making it suitable for a range of network setups.

For users who need additional networking flexibility, the WR1300 supports built-in PPTP and L2TP VPN clients, DDNS services and OpenWrt installation. This makes it a practical choice for home users, remote access applications, small offices and users who want greater control over their network.

Features:**Cudy WR1300 AC1200 Dual Band WiFi Performance**

The WR1300 uses concurrent dual band WiFi to provide up to 867 Mbps on the 5GHz band and up to 300 Mbps on the 2.4GHz band. The two wireless bands can be used at the same time, allowing different types of traffic to be distributed according to their bandwidth requirements.

The 2.4GHz band offers longer range and is well suited to general browsing, smart home equipment and other everyday connections. The 5GHz band provides higher throughput for bandwidth-intensive activities such as online gaming, HD or 4K video streaming and large file transfers.

Five Gigabit Ethernet Ports

The Cudy WR1300 includes five Gigabit Ethernet ports, consisting of one Gigabit WAN port and four Gigabit LAN ports. These ports allow wired devices such as desktop PCs, gaming consoles, smart TVs, network storage and other Ethernet equipment to connect at high speed.

Key network connections include:

- 1 x 10/100/1000 Mbps Gigabit WAN port
- 4 x 10/100/1000 Mbps Gigabit LAN ports
- Up to 1000 Mbps wired Ethernet connectivity

Five Networking Modes in One Router

The WR1300 is designed to adapt to different network environments and can be configured in five operating modes. This flexibility allows the same device to be used for a standard home network, wireless expansion or more specialised installations.

Available modes include:

- WiFi Router
- WiFi Extender
- Access Point
- WISP Router
- Mesh Mode

High Gain Antennas and Dual Core Processing

Four fixed 5dBi omnidirectional antennas help extend wireless coverage and improve signal sensitivity. The antenna design is intended to provide stronger connections over greater distances and better wireless penetration through walls, making the router suitable for larger homes and areas where wireless coverage can be challenging.

A high performance dual core CPU works alongside 128MB of DDR3 memory to support multiple connected devices and demanding network activities. The hardware is designed to maintain smooth network operation during activities such as 4K UHD streaming, online gaming and general multi-device use.

Built-In VPN Client Support

The Cudy WR1300 includes PPTP and L2TP VPN client support, allowing the router to establish a connection with a compatible VPN server. Once configured, devices connected to the network can use the VPN connection without requiring individual VPN configuration on every device.

This can be useful for connecting a home network to a work or school network, as well as for users who require centralised VPN connectivity for multiple devices.

DDNS for Remote Network Access

Dynamic DNS support allows a changing public IP address to be associated with a custom domain name. This can make remote access and network management easier when an internet service provider regularly changes the assigned IP address.

The WR1300 supports more than 15 DDNS services, providing flexibility when configuring remote access to compatible home or business network equipment.

OpenWrt Ready Hardware

The router is equipped with 16MB of flash storage and 128MB of DDR3 memory, providing additional resources for the operating system and potential software expansion. The hardware is designed to support OpenWrt, giving advanced users the option to expand the router's functionality and customise its networking capabilities.

OpenWrt support makes the WR1300 particularly appealing to users who want more control over routing functions, network configuration and additional software options.

Cudy WR1300 Technical Details

- Model: Cudy WR1300
- Part Number / SKU: CD-WR1300
- Wireless standard: Dual band AC1200
- 5GHz wireless speed: Up to 867 Mbps
- 2.4GHz wireless speed: Up to 300 Mbps
- Antennas: 4 x fixed 5dBi omnidirectional antennas
- WAN: 1 x 10/100/1000 Mbps Gigabit Ethernet
- LAN: 4 x 10/100/1000 Mbps Gigabit Ethernet
- Ethernet ports: 5 x Gigabit Ethernet
- Processor: Dual core CPU
- Flash memory: 16MB
- RAM: 128MB DDR3
- VPN client: PPTP and L2TP
- DDNS: Support for 15+ DDNS services
- Operating modes: Router, Mesh, Repeater, WISP and Access Point
- OpenWrt: Supported

A Flexible AC1200 Router for Home and Office Networks

With fast dual band WiFi, Gigabit Ethernet, high gain antennas and multiple operating modes, the Cudy WR1300 is suited to users looking for more than a basic wireless router. It can provide a reliable central network connection while also supporting WiFi expansion, access point deployments, VPN connectivity and advanced configuration through OpenWrt.

The combination of AC1200 wireless performance and Gigabit wired networking makes the WR1300 a practical choice for streaming, gaming, home networking, smart devices, remote connectivity and everyday internet use.

Specifications:

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Specifications	
Product Code	CD-WR1300
Model	WR1300
Hardware Features	
Processor	Dual-Core CPU
Flash	16MB
DDR	128MB
Antenna	4 x Fixed Omni-Directional Antennas
Interface	1 x 1000/100/10 Mbps WAN Port
	4 x 1000/100/10 Mbps LAN Ports
Button	WPS Button, Reset Button
External Power Supply	12V/1A
Dimensions (W x D x H)	204.8 x 137. 5 x 38. 3mm
Wireless Features	
Wireless Standards	IEEE 802.11ac/n/a 5 GHz
	IEEE 802.11n/b/g 2.4 GHz
Frequency	5 GHz, 2.4 GHz
Signal Rate	867Mbps (5 GHz), 300Mbps (2.4 GHz)
	Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Transmit Power	CE:
	FCC:
Wireless Modes	Enable/Disable Wireless Radio, WMM
Wireless Security	WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Software Features	
WAN Type	Dynamic IP/Static IP/PPPoE
Management	Parental Control
	Guest Network

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Product Specification Sheet

DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Compatible with 15 more DDNS providers
Guest Network	2.4GHz guest network x 1
	5GHz guest network x 1
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
VPN	PPTP / L2TP / OpenVPN / WireGuard / IPsec / Zerotier
Others	
Package Contents	AC1200 Wi-Fi Router
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
Dimension (W x D x H)	205 x 138 x 38 mm
	8.06 x 5.41 x 1.51 inch
	(Antennas not included)

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-WR1300-Cudy-Dual-Band-AC-1200Mbps-5dBi-Gigabit-Mesh-Buy-p-339600.php>

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