Model: WR1200

AC1200

Dual-Band Wi-Fi Router

- Up to 867 Mbps + 300 Mbps Wi-Fi Speed
- 5× Fast Ethernet Ports
- 4× High-Gain Antennas
- Cudy App, Cloud Control



Datasheet

Highlights

A dual-band WiFi router ideal for streaming smooth video playback with a maximum of 100 Mbps internet access, featuring MU-MIMO and App control.

- 4-Stream Dual-Band Wi-Fi 5
- 867 Mbps + 300 Mbps Wi-Fi
- 5× Fast Ethernet Ports
- 4× High-Gain Antennas
- 40 Connected Devices
- Covers 100 m² (1,100 ft²)
- Router/AP/RE/WISP/Client Modes
- Cudy App, Cloud Control

Package Content

- WR1200
- Power Adapter
- Ethernet Cable
- Installation Guide

Hardware Specs

Model Version	WR1200 3.0	
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	2 Spatial Streams
	2.4 GHz Wi-Fi Streams	2 Spatial Streams
	Wi-Fi Antennas	4× Fixed
	Beamforming	✓
	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	1× WAN port, the rest are LAN ports
Buttons and LEDs	LED	Power, Internet, Speed/Link/ACT of Ethernet Port, Wi-Fi
	Physical Buttons	WPS Button, Reset Button

Hardware Specs

Power	Power Input Type	DC Jack
	Power Methods	DC
	Power Input	12V⎓1A
	Power Adapter In the Box	Input: 100-240V~, 50/60Hz
		Output: 12V⎓1A
Reliability	Environment	Operating Temperature: 0 °C ~ 40 °C (32 °F ~104 °F)
		Storage Temperature: -40 °C ~ 70 °C (-40 °F ~ 158 °F)
		Humidity: 10% ~ 90% non-condensing
		Storage Humidity: 5% ~ 95% non-condensing
Certifications	FCC, CE	
Mechanical	Installation	Desktop
		Wall-mount
	Dimension	214×128.8×28.7 mm
		8.43×5.07×1.13 inches
	Product Weight	245.1 g (8.65 oz.)
Ordering Information	Retail Package Weight	EU: 620.6 g (21.89 oz.)
	Retail Package Dimension	342×243×43 mm
		13.46×9.57×1.69 inches
	Units per Carton	20
	Carton Dimension	50.5×46×36 cm
		19.88×18.11×14.17 inches

Ordering Information	Carton Gross Weight	EU: 13.5 kg (29.76 lbs)
	Carton Net Weight	EU: 12.4 kg (27.34 lbs)

Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 5
	Separate Client	✓
	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
	Wi-Fi Channel Width	Auto/20/40/80 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Guest Network	2.4 GHz, 5 GHz
	WPS	✓
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
	Multicast	✓
	IPTV/VLAN	Bridge
		Tag VLAN
		VoIP VLAN
		IPTV VLAN
	TTL Customization	Extend
		Spoof
		Custom
	IGMP	IGMP Proxy

Software Specs

Network	IGMP	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	DNS Options	Manual DNS
		Rebind Protection
		Override Clients' DNS
	Wake on LAN	✓
	Online Detection	✓

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
		Online Time Schedule
		Device Rename
	Content Management	Domain Filtering
		IP Filtering
System	Local Control Method	Config Web Page
		App Control
	Remote Control Method	Config Page via HTTP
		App Control
	Firmware Upgrade	Local Update
		App (Over the Air)
		Online Update
	Reliability	Timed Reboot

Software Specs

System	Reliability	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
		DHCP Server Status
		System Version
	Charts	Internet Speed
		WISP Speed
		Wi-Fi Speed