





cudy

Model: WR2100

AC2100

Dual Band Wi-Fi Router

-  Up to 2.1Gbps Wi-Fi Speed
-  Powerful Dual-Core Processor
-  VPN Server and VPN Client Support
-  Enhanced Whole Home Coverage

[Datasheet](#)

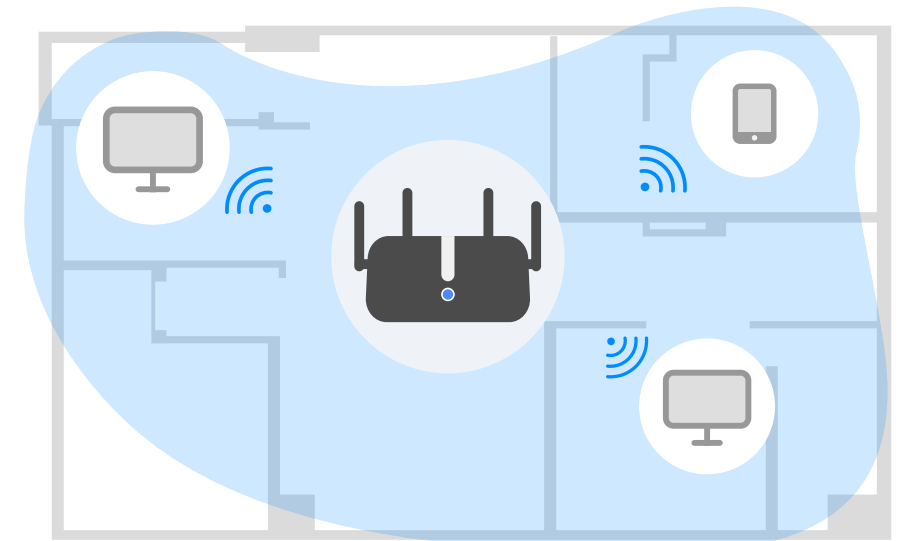


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Up to 2.1Gbps Wi-Fi Speed:
Enjoy smooth streaming,
downloading, and gaming with
extremely fast Wi-Fi Speed.

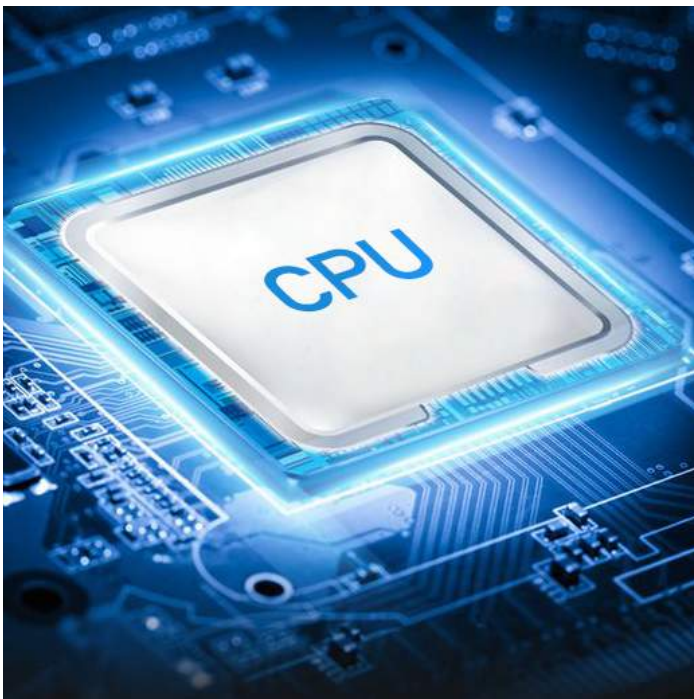
Extensive Coverage



Beamforming and four antennas combine
to deliver focused reception to devices far
away.



Hardware



16MB
Flash

+

128MB
DDR



Powerful Dual-Core Processor

Powerful Dual-Core CPU ensures smooth 4K UHD streaming to Smart TVs, mobile devices and gaming consoles without buffering.

16MB Flash + 128MB DDR

Large capacity flash/DDR design makes the router stable and reliable , ensuring the continuous operation of the system, and provides more space for the file system.

4 x 5dBi High Gain Antennas

High gain antennas boost sensitivity of the router, create connections over greater distances, providing powerful penetration through walls.

5 x Gigabit Ports

Featured with 5 10/100/1000Mbps ports, greatly expands your network capacity, enabling instant large files transferring.

Software



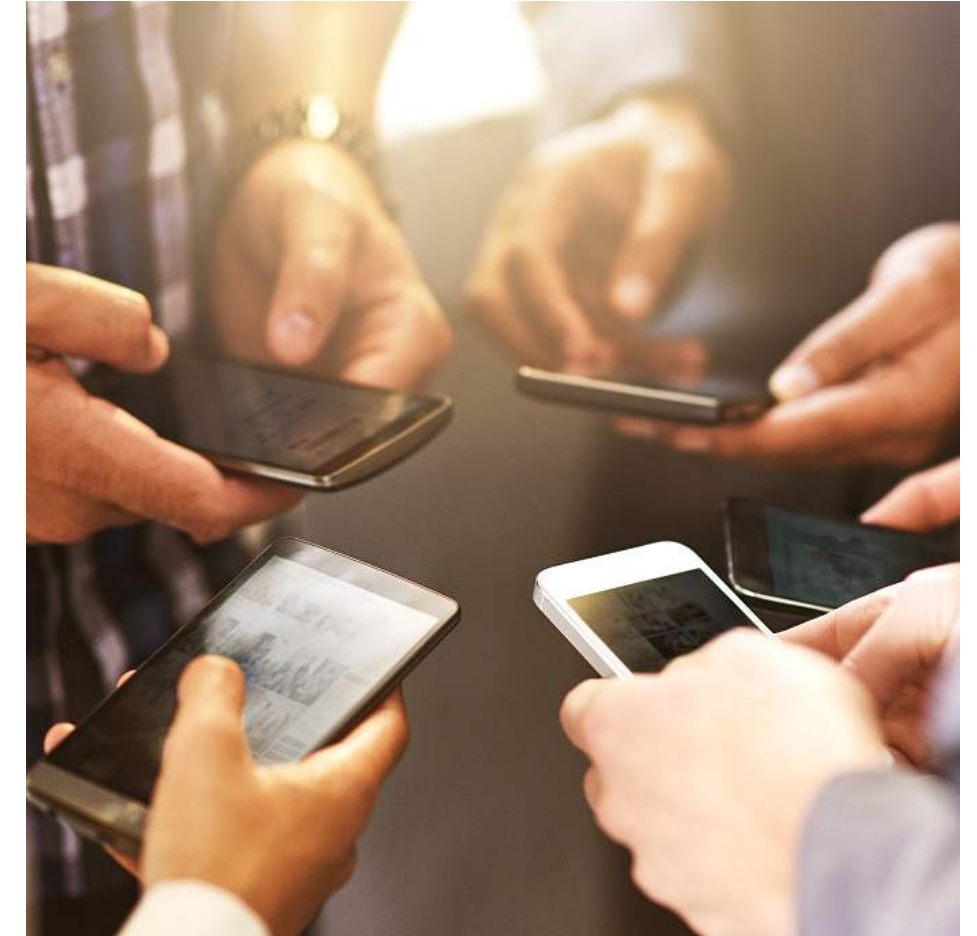
VPN

With built-in VPN, this router can easily establish a connection to VPN Server to transport all your online data and traffic, securing it with its encryption at the same time.



DDNS

By assigning a custom domain name to your home router's IP address, DDNS function will update automatically as your home IP continues to change. Compatible with 15 more DDNS providers.



Guest Network

Guest Network separate guest access from your family network. Maintain high security across your network to help ensure your privacy is safe while online.



Specifications

- Up to 2.1Gbps Wi-Fi Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi Speed.
- Powerful Dual-Core Processor: Powerful Dual-Core CPU ensures smooth 4K UHD streaming to Smart TVs, mobile devices and gaming consoles without buffering.
- Improved Capacity: Large flash/DDR design to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.
- Extensive Coverage: Beamforming and four antennas combine to deliver focused reception to devices far away.
- Pre-installed VPN. With built-in VPN, this router can easily establish a connection to VPN Server to transport all your online data and traffic, securing it with its encryption at the same time.
- Dynamic DNS: DDNS function solves the issue of changing residential IP addresses. By assigning a custom domain name to your home router's IP address, DDNS function will update automatically as your home IP continues to change. Compatible with 15 more DDNS providers.

Hardware Features

Processor	Dual-Core CPU
Flash	128Mbit (16MB)
DDR	1Gbit (128MB)
Antenna	4 × Fixed Omni-Directional Antennas
Interface	1 × 10/100/1000Mbps WAN Port 4 × 10/100/1000Mbps LAN Ports
Button	WPS Button, Reset Button
External Power Supply	12 V / 1.5 A
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, 2.4GHz
Signal Rate	1733Mbps (5GHz), 300Mbps (2.4GHz) Compatible with 802.11a/b/g/n/ac Wi-Fi standards
Transmit Power	CE: <20dBm(2.4GHz), <23dBm(5.15GHz~5.25GHz) FCC: <30dBm(2.4GHz & 5.15GHz~5.825GHz)
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
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Compatible with 15 more DDNS providers.
Guest Network	2.4GHz guest network × 1
	5GHz guest network × 1
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
VPN Sever & Client	PPTP/L2TP/OpenVPN/WireGuard/IPSec/Zerotier
Management	Access Control, Local Management,
	Remote Management, Wake on LAN
CWMP Protocol	TR069 / TR098 / TR111 / TR181
Working Mode	Wi-Fi Router/Wireless Access Point/Wi-Fi Extender/ WISP
ACS Server Compatibility	GenieACS, OpenACS
VLAN	Tag VLAN / IPTV
TTL	Extend/Spoof/Custom
DNS	Cloudflare/Google/NextDNS/Custom
Internet Protocols	IPv4 / IPv6
IPv6	Relay
	Dynamic(SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	MAP-E (Dual-stack)
	DS-Lite (Dual-stack)

Others

Package	AC2100 Wi-Fi Router
Contents	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System	Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10/11,
Requirements	MAC OS, NetWare, UNIX or Linux
	Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other
	Java-enabled browser
	Cable or DSL Modem
	Subscription with an internet service provider (for internet access)