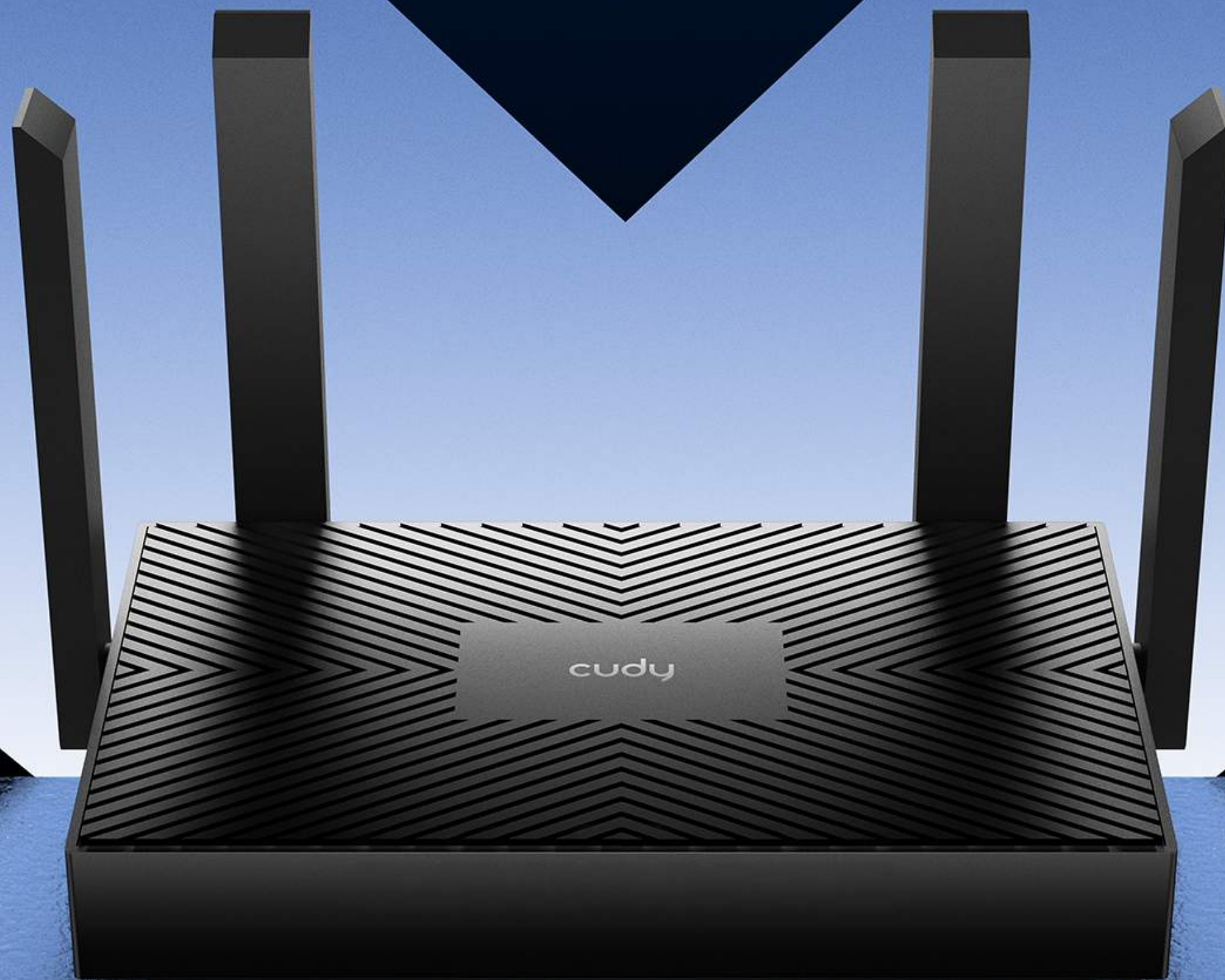


cudy

Compatible with  
802.11ax/ac/a/b/g/n  
**Wi-Fi 6**



# AX1500 Gigabit Wi-Fi 6 Router


WR1500

Datasheet

**Wi-Fi 6**  
Next Generation WiFi 6

**1000M**  
Ethernet Ports

**AX1500**  
Super-Fast WiFi Speed

  
Dual-Band

  
MU-MIMO

Wi-Fi 6 - The Most Powerful Wi-Fi Ever

**4X**  
more capacity




Mobile Phone, Pad, game, IP camera, TV, Smart bulb, Smart speaker, Mobile Phone, Robotic Vacuum


**38%**  
faster with Gigabit Wi-Fi

Wi-Fi 6 / 5 GHz 1201 Mbps

Wi-Fi 5 / 5 GHz 867 Mbps



**100%**  
backwards compatibility



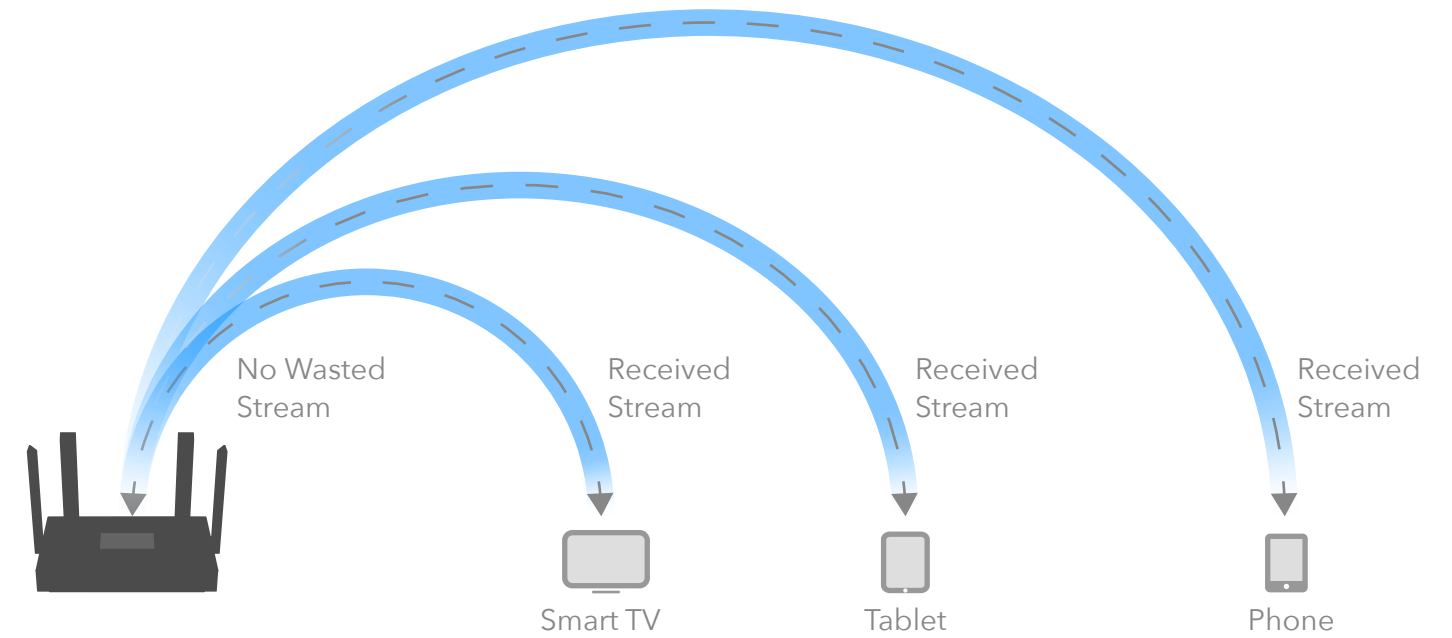
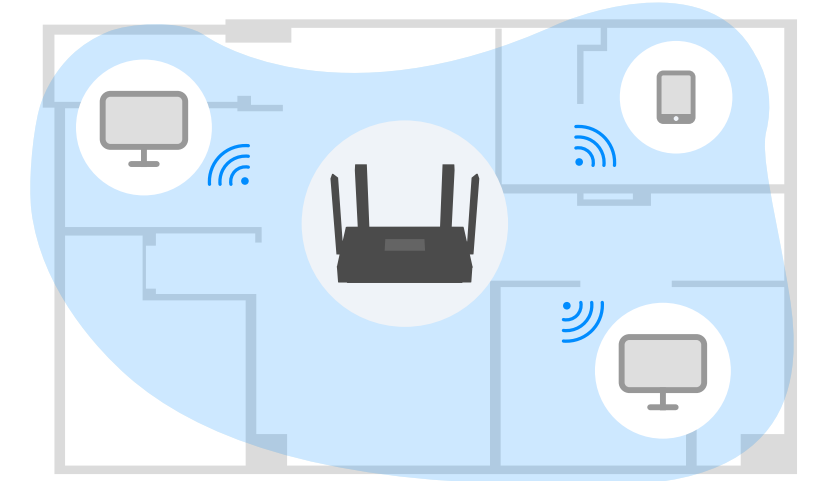
8K, Wi-Fi 6, Wi-Fi 5, Wi-Fi 4



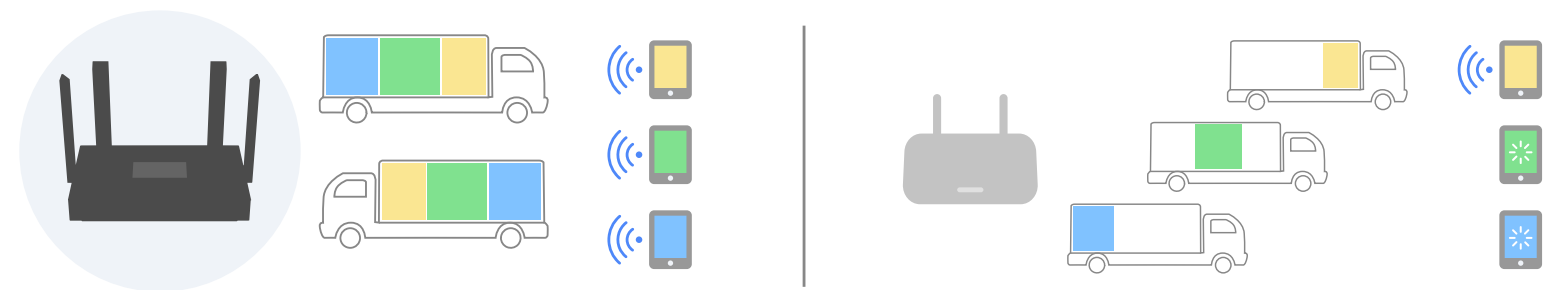
Up to 1.5 Gbps Wi-Fi 6 Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi 6 Speed.

# Features

Extensive Coverage: Beamforming, and four antennas combine to deliver focused reception to devices far away.



## MU-MIMO



## OFDMA

## Without OFDMA

More Devices: Wi-Fi 6 uses OFDMA to improve capacity and efficiency of your network, so more devices can connect without slowing down your Wi-Fi.

## Highlight

- Super-Fast AX1500 Wi-Fi 6
- 4× 10/100/1000 Mbps Ethernet Ports
- 4× External High-Gain Antennas
- OFDMA, Beamforming, and MU-MIMO
- IPv4/IPv6, TR069/TR098/TR181/TR111

## Hardware Features

Chipset	RTL8197
Antennas	4× Fixed Omni-Directional Antennas
Ethernet Ports	1× 10/100/1000 Mbps WAN Port 3× 10/100/1000 Mbps LAN Ports
Buttons	WPS Button, Reset Button
Power Supply	12 V / 1A
Dimensions ( W×D×H )	Router: 200×117×35 mm (31.11×18.13×5.45 inches) Antenna: 7×9×123 mm each (0.08×0.04×0.75 inches)

## Wireless Features

Wireless Standards	IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11n/b/g 2.4 GHz
Wireless Frequency	5 GHz, 2.4 GHz
Signal Rate	1201 Mbps (5 GHz), 300 Mbps (2.4 GHz) Compatible with 802.11ax/ac/n/g/b/a Wi-Fi standards
Transmit Power	CE: <20 dBm(2.4 GHz), <23 dBm(5.15 GHz~5.25 GHz) FCC: <30 dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
Wireless Modes	Enable/Disable Wireless Radio, WMM
Wireless Security	WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3
Other Features	OFDMA, MU-MIMO, Beamforming

## Software Features

WAN Type	Dynamic IP/Static IP/PPPoE
DHCP	Server, DHCP Client List, Address Reservation
Dynamic DNS	Support
NAT	Port Forwarding, UPnP, DMZ
Working Mode	Wi-Fi Router/ Wireless Access Point
Internet Protocols	IPv4



## Others

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Package	AX1500 Wi-Fi 6 Router
Contents	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System	Systems with wireless or wired network connectivity
Requirements	Latest web browser, such as Edge, Firefox, Chrome, or Safari
	Internet access subscription with ISP

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## CE DECLARATION OF CONFORMITY

For the following equipment:

**Product Name:** AX1500 Gigabit Wi-Fi 6 Router

**Model Number:** WR1500

**Trademark:** Cudy

We declare under our own responsibility that the above product satisfies all the technical regulations applicable to the product within the scope of Council Directives:

**Directive 2014/53/EU, Directive 2011/65/EU, Directive (EU) 2015/863**

The above product is in conformity with the following standards or other normative documents:

**ETSI EN 301 489-1 V2.2.3 (2019-11)**

**Draft ETSI EN 301 489-17 V3.2.5 (2022-08)**

**EN 55032:2015/A11:2020**

**EN 55035:2017/A11:2020**

**ETSI EN 300 328 V2.2.2 (2019-07)**

**ETSI EN 301893 V2.1.1 (2017-05)**

**EN IEC 62311:2020**

**EN IEC 62368-1:2020+A11:2020**

**IEC 62321-1:2013, IEC 62321-2:2021,**

**IEC 62321-3-1:2013, IEC 62321-5:2013,**

**IEC 62321-4:2013+AMD1:2017 CSV,**

**IEC 62321-6:2015, IEC 62321-7-1: 2015,**

**IEC62321-7-2:2017, IEC 62321-8:2017**

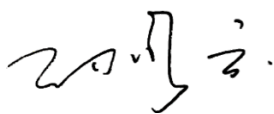
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2023-10-25



Shenzhen Cudy Technology Co., Ltd.

Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China

[www.cudy.com](http://www.cudy.com)

## ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

Για τον ακόλουθο εξοπλισμό:

**Όνομα Προϊόντος:** AX1500 Gigabit Wi-Fi 6 Router

**Αριθμός Μοντέλου:** WR1500

**Εμπορικό Σήμα:** Cudy

Διακηρύσσουμε με κάθε ευθύνη ότι το παραπάνω προϊόν συμμορφώνεται με όλους τους τεχνικούς κανονισμούς που ισχύουν για το προϊόν, εντός του αντικειμένου των Κοινοτικών

Οδηγιών:

**Οδηγία 2014/53/ΕΕ, Οδηγία 2011/65/ΕΕ, Οδηγία (ΕΕ) 2015/863**

Το παραπάνω προϊόν βρίσκεται σε συμμόρφωση με τα ακόλουθα πρότυπα ή άλλα έγγραφα συμμόρφωσης

**ETSI EN 301 489-1 V2.2.3 (2019-11)**

**Draft ETSI EN 301 489-17 V3.2.5 (2022-08)**

**EN 55032:2015/A11:2020**

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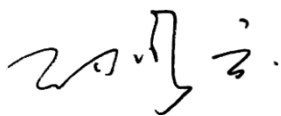
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2023-10-25



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