

cudy

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

**AX**  
3000



## AX3000 Gigabit Dual Band Wi-Fi 6 Router


WR3000

Datasheet

# Wi-Fi 6

Next Generation WiFi 6

1.3GHz  
Dual Core  
Processor



# 160 MHz Bandwidth

Streaming Network for  
Multi-Devices

# AX3000

Extremely-Fast WiFi

# 1000M

Ethernet Port



MU-MIMO



Dual Band

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

# 4X

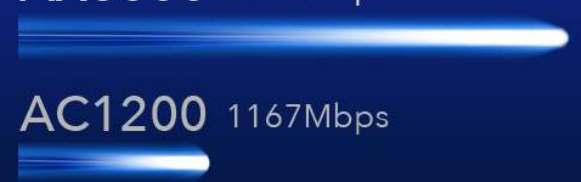
more capacity



# 150%


increase in data throughput

AX3000	2976Mbps
AC1200	1167Mbps



# 100%

backwards compatibility

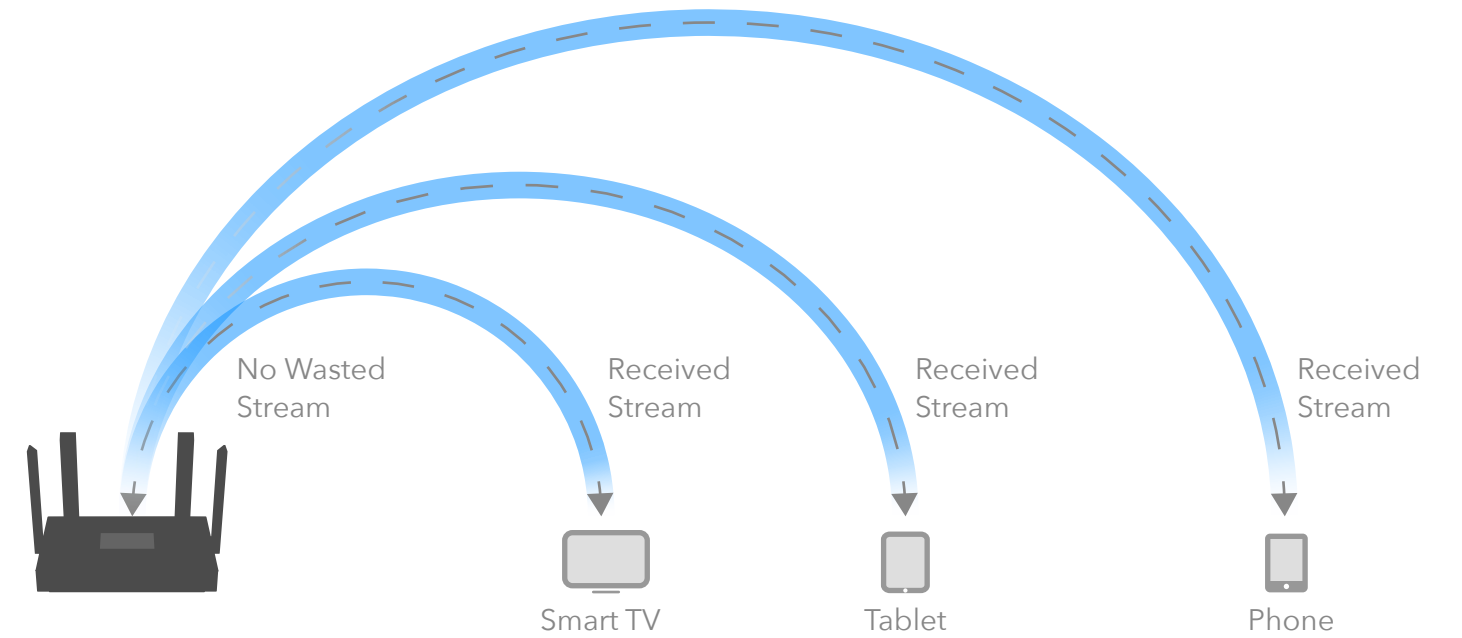
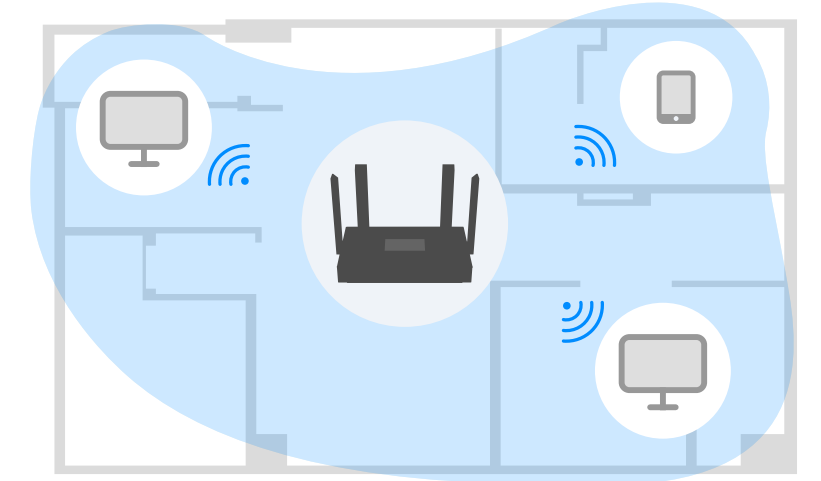




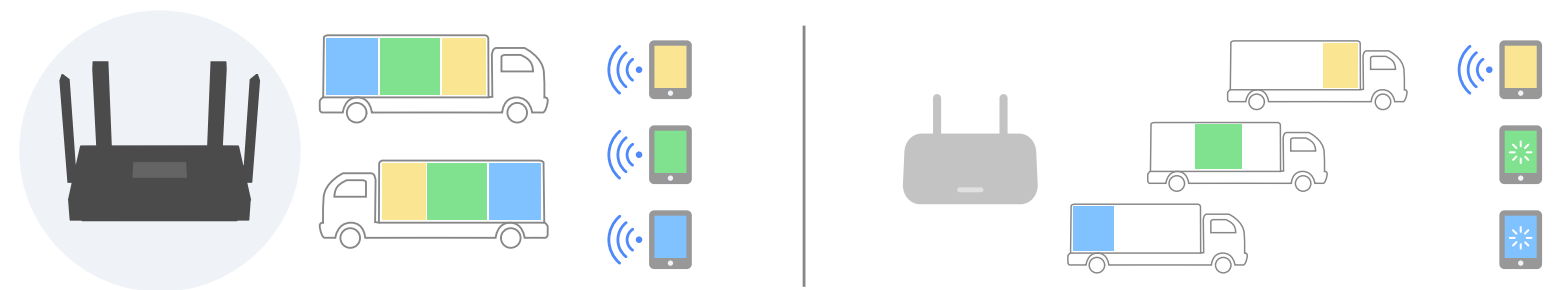
Up to 3.0Gbps Wi-Fi 6 Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi 6 Speed.

# Features

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



## DL/UL MU-MIMO



## DL/UL 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.

## Specifications

- 1.3GHz Dual Core Cortex-A53 Processor
- Extremely Fast AX3000 Wi-Fi 6 Technology
- 4 x 10/100/1000Mbps Ethernet Ports
- 4 x External High Gain Antennas
- 20/40/80/160MHz Bandwidth Supported
- OFDMA, Beamforming and MU-MIMO supported
- IPv4/IPv6, TR069/TR098/TR181/TR111

## Hardware Features

Processor	1.3GHz Dual Core Cortex-A53 Processor
Antenna	4× Fixed Omni-Directional Antennas
Interface	1× 10/100/1000 Mbps WAN Port 3× 10/100/1000 Mbps LAN Ports
Button	WPS Button, Reset Button
External Power Supply	12 V / 1A
Dimensions ( W x D x H )	200*117*35mm(Antenna not included)

## Wireless Features

Wireless Standards	IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Wireless Frequency	5 GHz, 2.4 GHz
Wireless Bandwidth	20/40/80/160MHz
Signal Rate	2402 Mbps (5 GHz), 574 Mbps (2.4 GHz) Compatible with 802.11a/b/g/n/ac/ax Wi-Fi standards
Transmit Power	CE: <20dBm(2.4 GHz), <23dBm(5.15 GHz~5.25 GHz) FCC:<30dBm(2.4 GHz & 5.15 GHz~5.825 GHz)
Wireless Modes	Enable/Disable Wireless Radio, WMM
Wireless Security	WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA3
Other Features	MU-MIMO, Beamforming

## 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	2.4 GHz guest network × 1 5 GHz guest network × 1
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
Working Mode	Wi-Fi Router/ Wireless Access Point/Wi-Fi Extender/ WISP
CWMP Protocol	TR069 / TR098 / TR111 / TR181
ACS Server Compatibility	GenieACS, OpenACS
TTL	Extend/Spoof/Custom
VLAN	Tag VLAN / IPTV
Internet Protocols	IPv4 / IPv6
IPv6	Relay Dynamic(SLAAC/DHCPv6) Static (Fixed IP) Passthrough MAP-E (Dual-stack) DS-Lite (Dual-stack)

## Others

Package	AX3000 Wi-Fi6 Router
Contents	Power Adapter RJ45 Ethernet Cable Quick Installation Guide
System Requirements	Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10/11, MAC OS, NetWare, UNIX or Linux 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)

## CE DECLARATION OF CONFORMITY

For the following equipment:

**Product Name:** AX3000 Gigabit Dual Band Wi-Fi 6 Router

**Model Number:** WR3000

**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:

**EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.5**

**EN 55032: 2015+A11:2020**

**EN 55035: 2017+A11:2020**

**EN50663: 2017 EN50566: 2017**

**EN62209-2: 2010+A1:2019**

**EN 62479: 2010**

**EN 300 328 V2.2.2 ETSI EN 301 893 V2.1.1**

**EN 301 908-1 V15.1.1 EN 301 908-13 V13.2.1**

**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,**

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

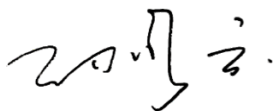
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2023-3-21



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:** AX3000 Gigabit Dual Band Wi-Fi 6 Router

**Αριθμός Μοντέλου:** WR3000

**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/EE, Οδηγία 2011/65/EE, Οδηγία (EE) 2015/863**

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

**EN 301 489-1 V2.2.3 EN 301 489-3 V2.3.2 EN 301 489-17 V3.2.5**

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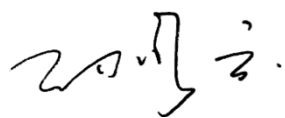
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2023-3-21



Shenzhen Cudy Technology Co., Ltd.

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

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