

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

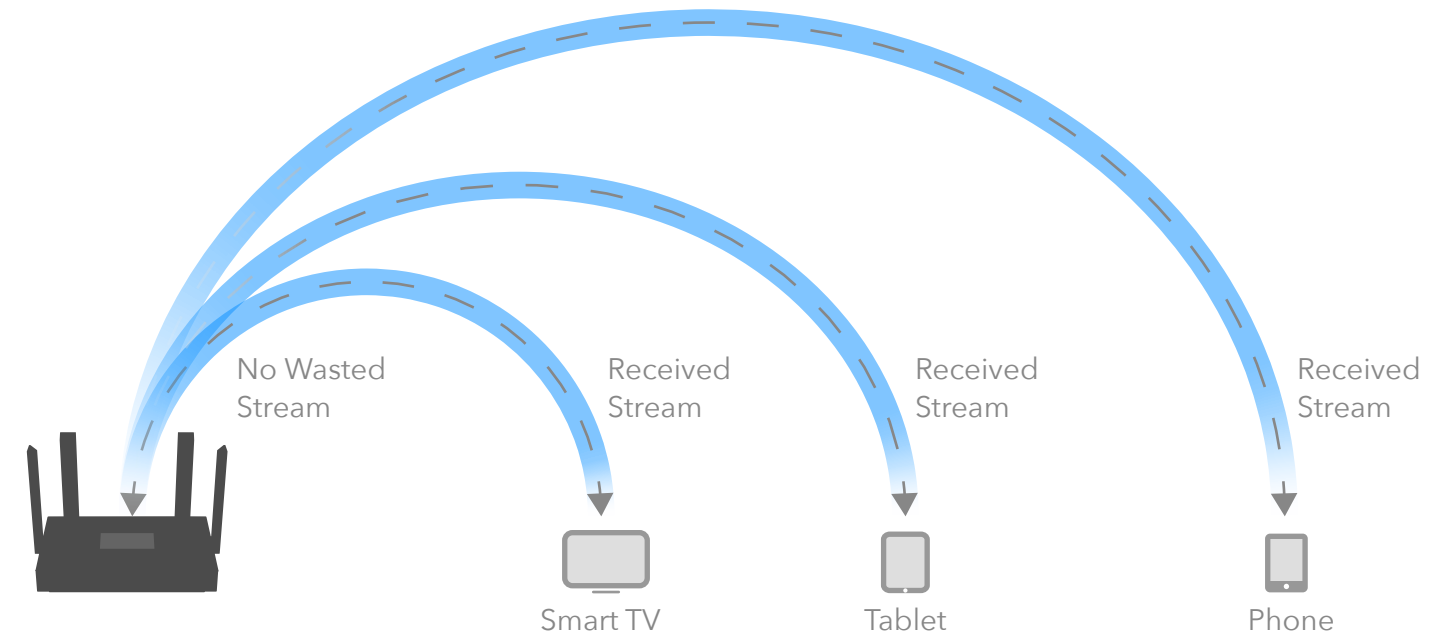
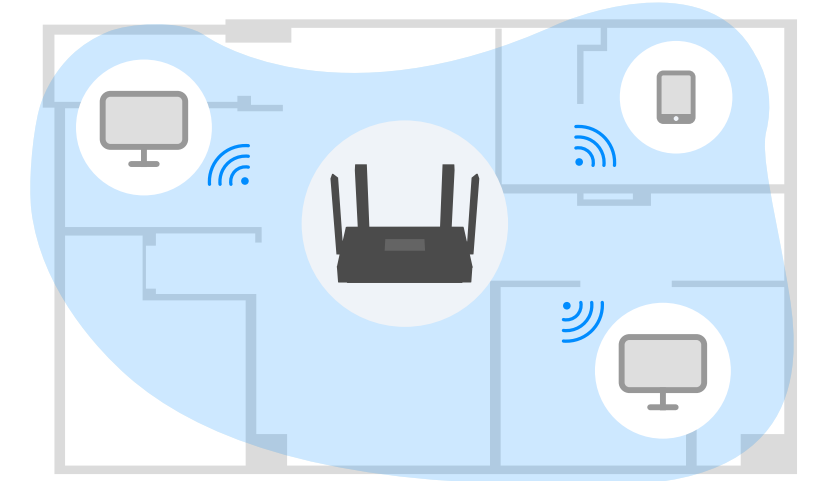




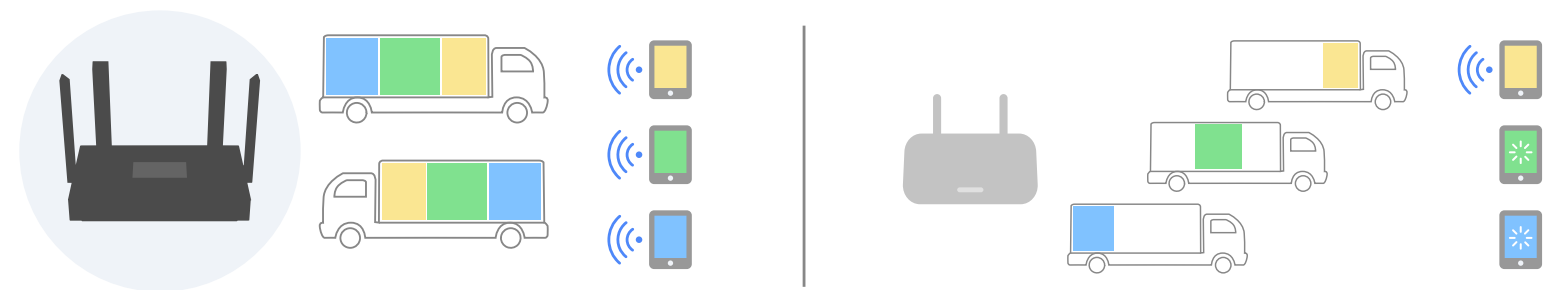
Up to 3.0Gbps Wi-Fi 6 Speed: Enjoy smooth streaming, downloading, and gaming with extremely fast Wi-Fi 6 Speed.

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)