

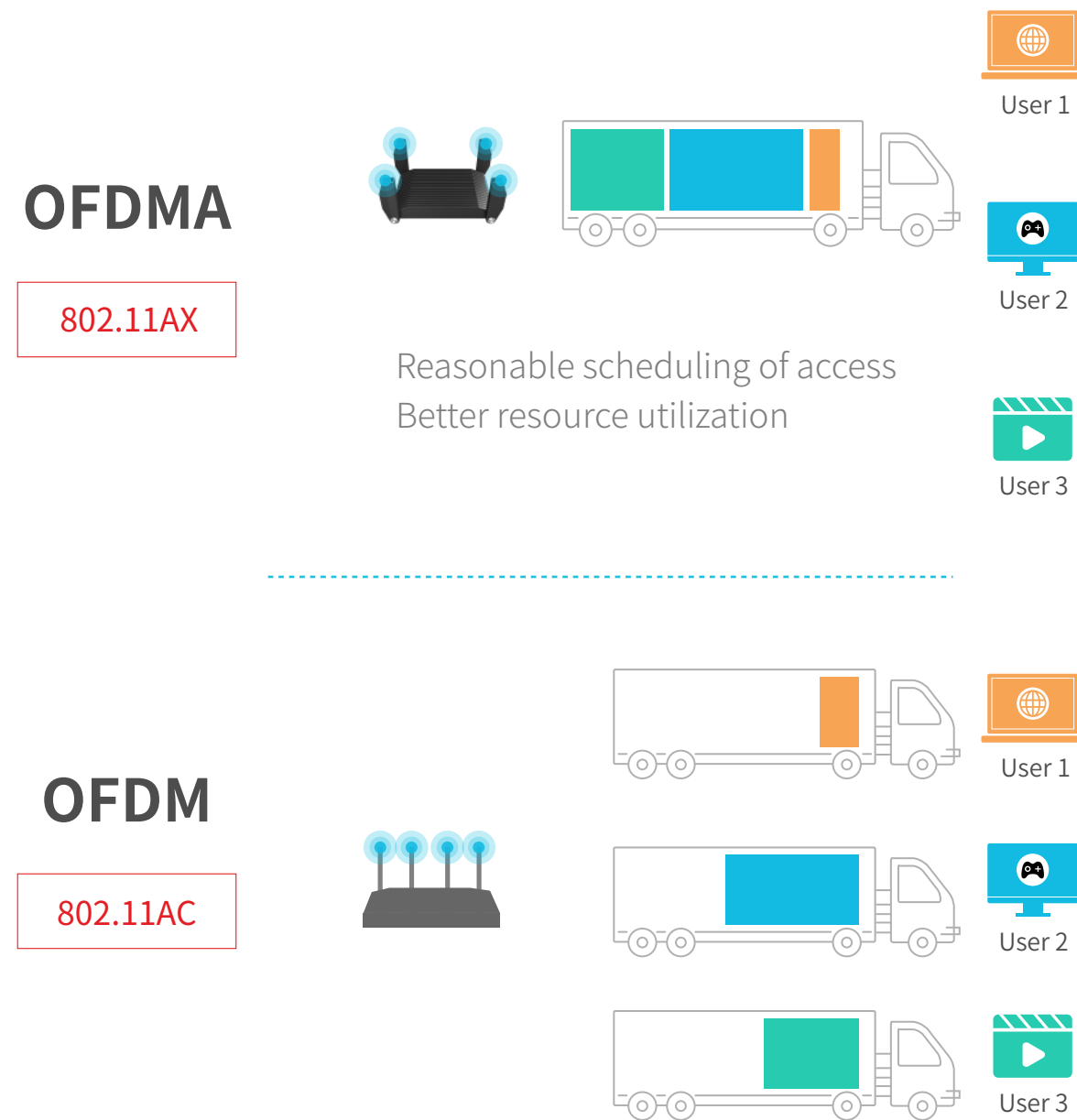
AX1800 Wireless Dual Band Gigabit Router

WR844GX+



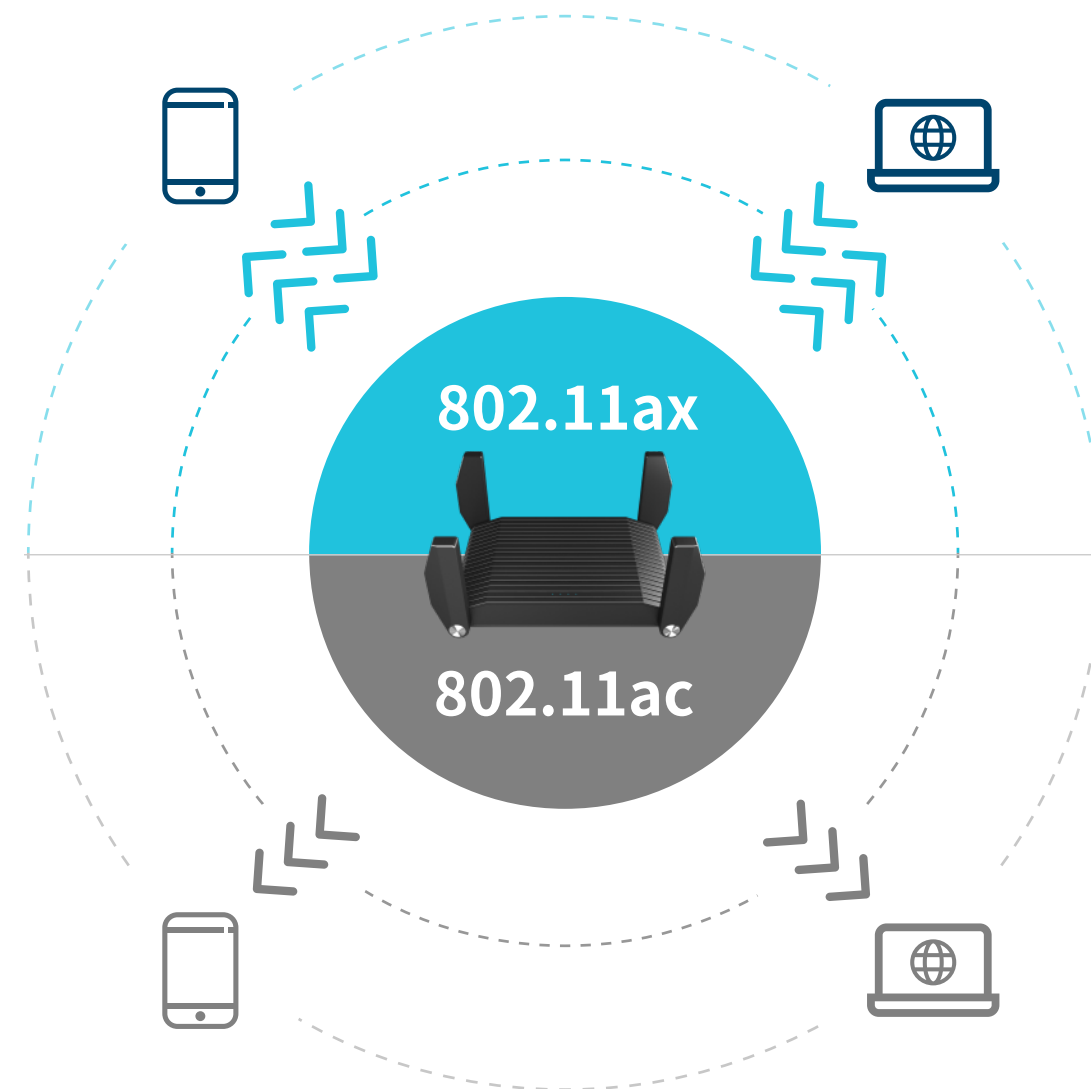
OFDMA uses your time and frequency more efficiently

OFDMA is a time and frequency efficient technology that supports simultaneous low data rate transmission from several users, while OFDM that used in 802.11ac can only support one user at given moment.



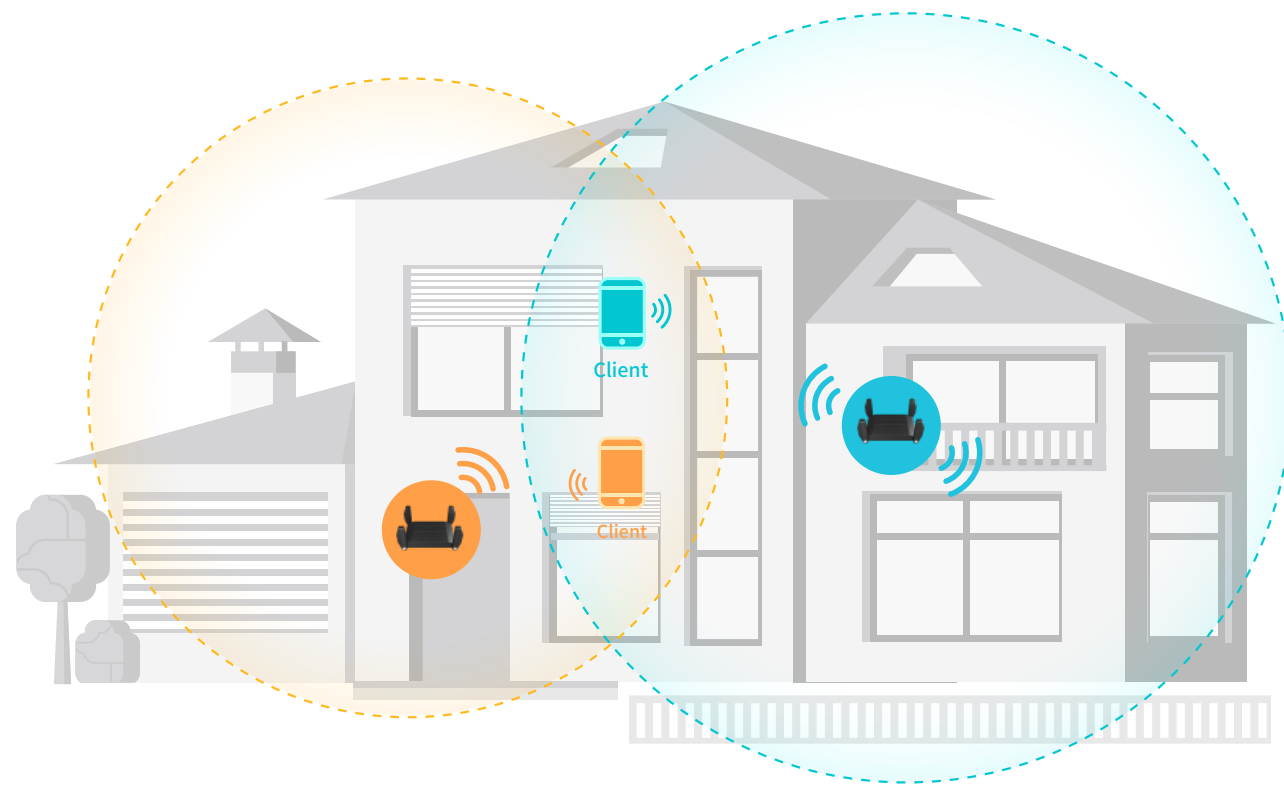
MU-MIMO that works for both uploads and downloads

MU-MIMO allows the router to communicate multiple end devices simultaneously instead of letting devices wait in line. Whereas 802.11ac MU-MIMO only works for downloads, 802.11ax MU-MIMO works with both uploads and downloads, making communication more efficient.



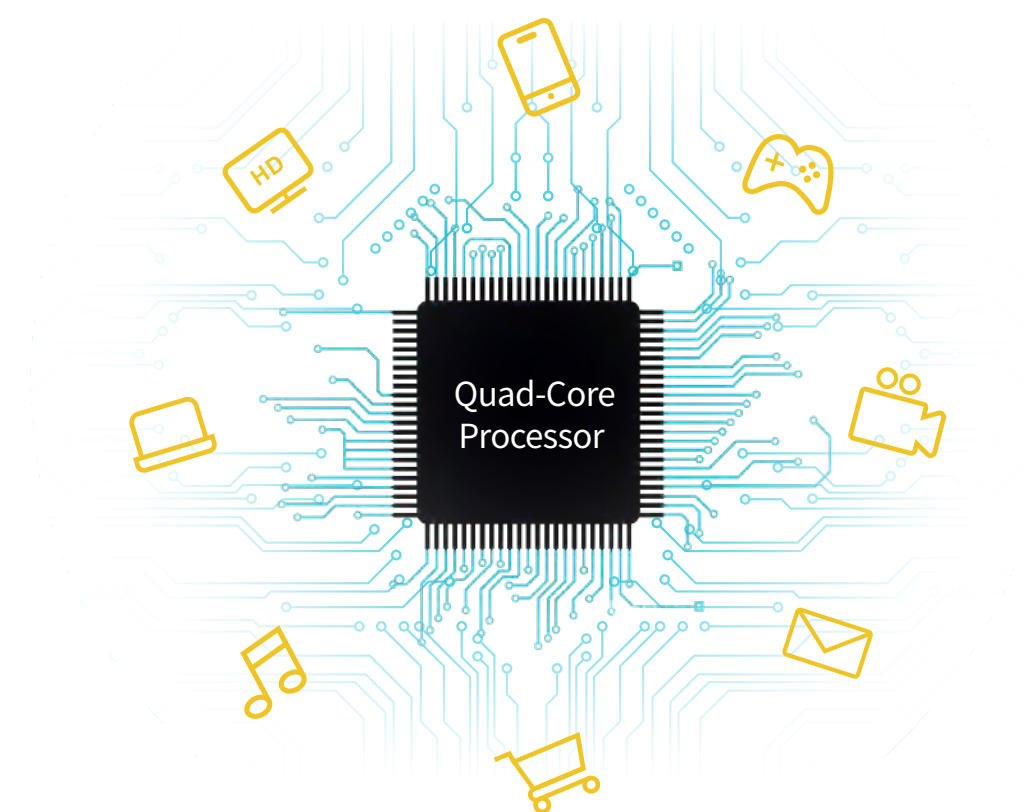
BSS Coloring

BSS Color marks frames from neighbor's networks, so that your router can ignore them and only focus on your network tasks. Which means your router became much more efficient by getting rid of extra works.



Quad-Core Processor for Faster Processing

The WR844GX+ router has built-in quad core processor. The four cores enable parallel processing and increase speeds when managing multiple instructions from your devices.



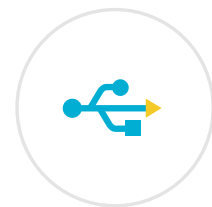
Other Features



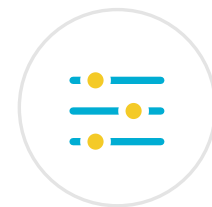
4 external antennas



Gigabit Ports



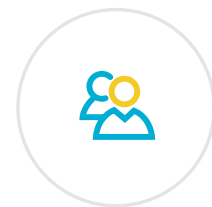
USB3.0



Quality of Service



Parental Control



Guest Network

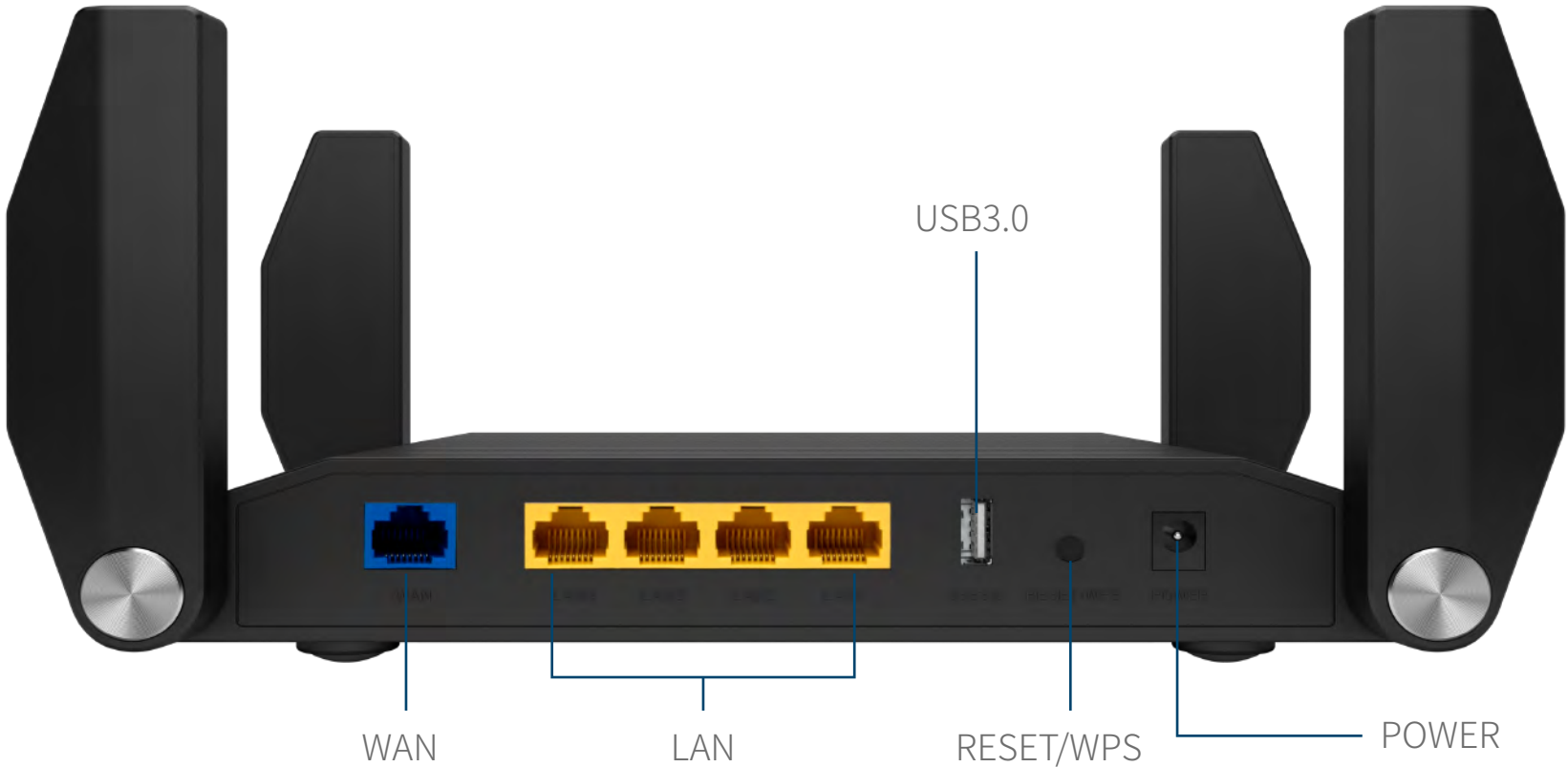
Specifications

General

- Wireless Standards: IEEE 802.11ax/ac/n/a 5 GHz
IEEE 802.11ax/n/b/g 2.4 GHz
- Signal Rate: 5 GHz: 1200 Mbps(802.11ax),
2.4 GHz: 600 Mbps(802.11ax)
compatible with 802.11a/b/g/n/ac Wi-Fi standards
- Operation Frequency: 2.4GHz & 5GHz
- Wireless Security: WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption

Hardware

- Interfaces: 1 x 10/100/1000Mbps WAN Port
4 x 10/100/1000Mbps LAN Port
1 x USB 3.0 Port
- Buttons: Reset/WPS Button
- Power Supply: DC 12V1.5A
- Antenna: 4 x 5dBi external antennas
- Dimensions (W X D X H): 263*182*42.4mm



Specifications

Software Features

- WAN Type: Dynamic IP/Static IP/PPPoE
- DHCP: Server, DHCP Reservation, Static Route
- Quality of Service: Download / Upload Speed control
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- VPN: PPTP, L2TP, IPSec
- Easymesh: Available in July, 2020
- Access Control: Parental Control, Host List, Access Control, Rule Management
- Firewall Security: DoS, SPI Firewall
 - IP Address Filter/MAC Address Filter/Domain Filter
 - IP and MAC Address Binding
- Management: Access Control
 - Local Management
 - Remote Management
- Internet Protocol: IPv4, IPv6
- OFDMA: Support
- MU-MIMO: Support
- App: Available in July, 2020

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Relative Humidity: 10%~90%, non-condensing
- Storage Humidity: 5%~95%, non-condensing

Package Contents

- 1 x Wireless Router
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide