comnect.

AX1800 Wireless Dual Band Gigabit Router
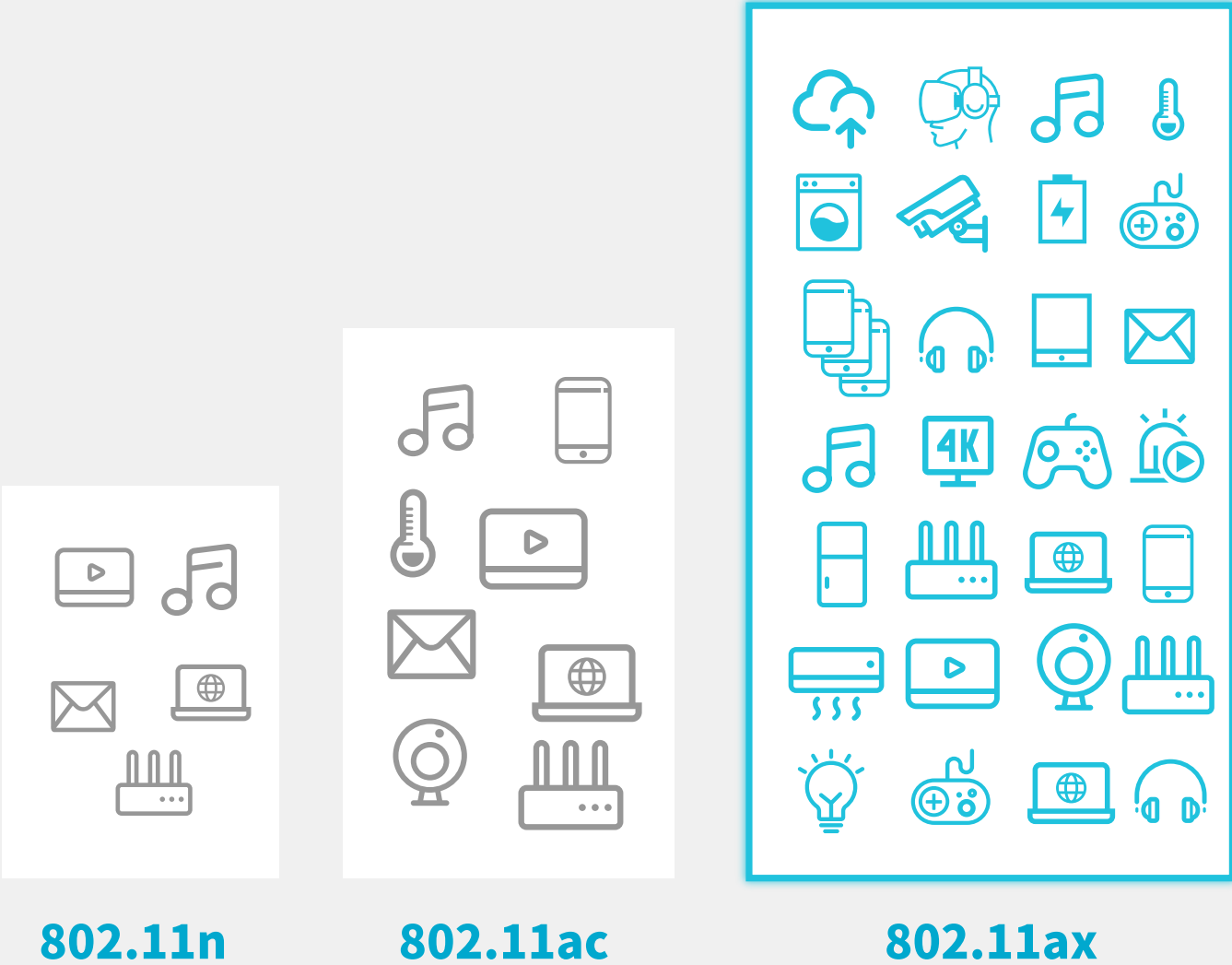
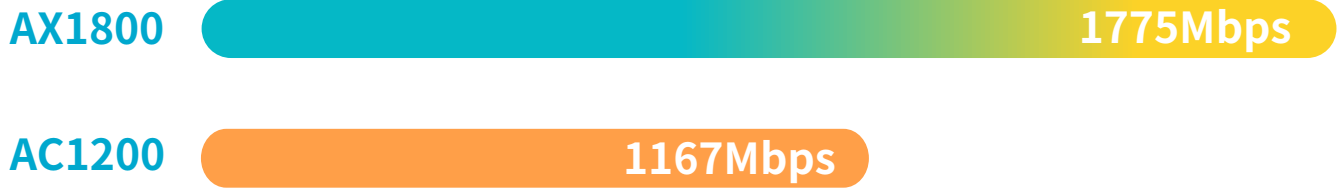WR843GXE-V2

802.11AX
Wi-Fi 6

GIGA
Gigabit Ports

MU
MU-MIMO

USB3.0

Mesh
EasyMesh

Shenzhen Comnect Technology Co., Ltd

Introducing 802.11AX WiFi

Even Faster Speed & Higher Efficiency

802.11AX, also referred as Wi-Fi 6,was created to improve network efficiency and provide even faster network speed. Instead of letting network tasks compete each other for resources, 802.11AX WiFi focus on scheduling access to guarantee performance of each end device.

802.11n

802.11ac

802.11ax

Wireless Speed Up by 50%
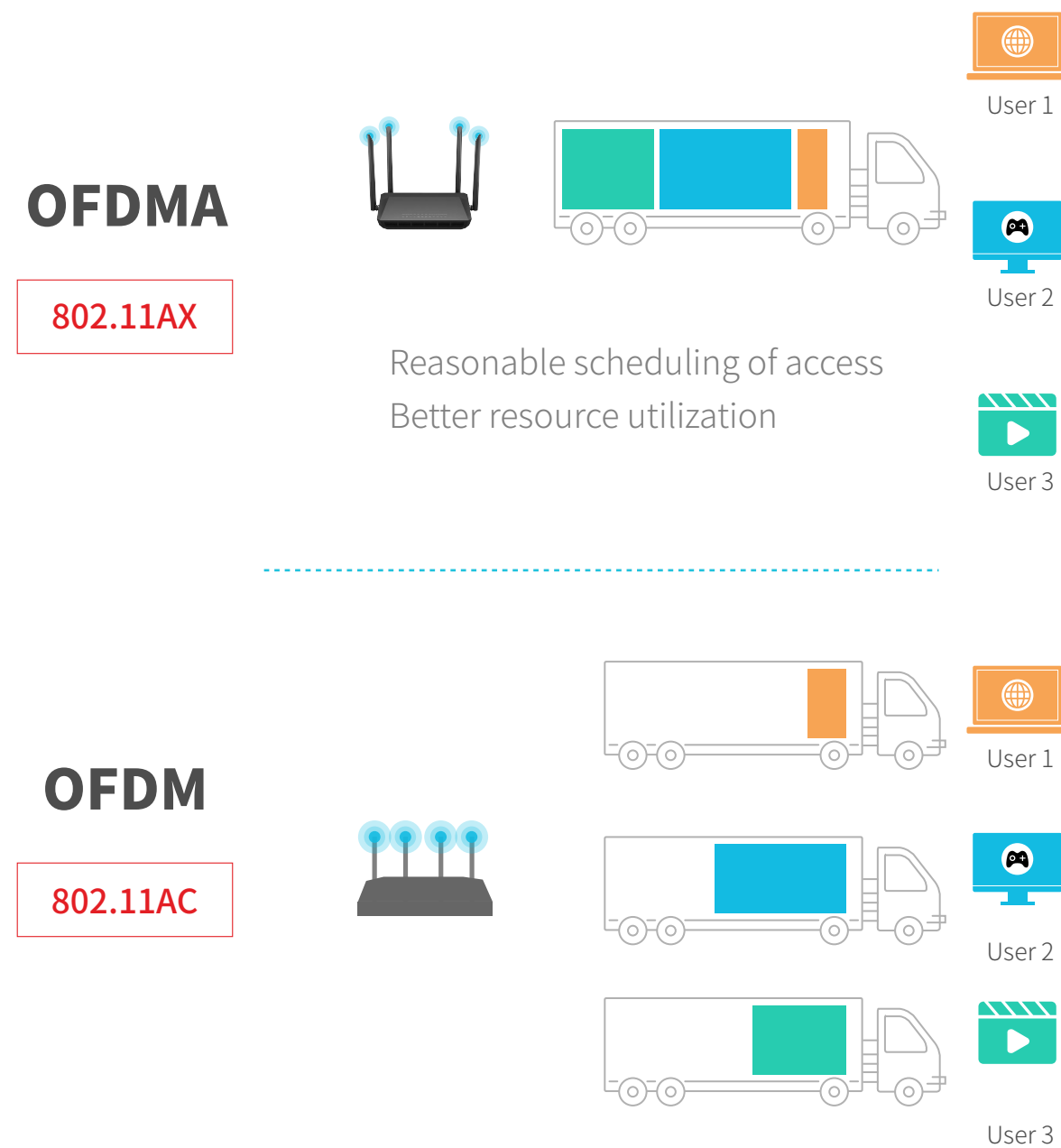
AX1800 — **1775Mbps**

AC1200 — **1167Mbps**

Dual-Band Wi-Fi 6 Up to 1.8 Gbps

Every application feels more fluid with drastically improved Wi-Fi speeds. Both 2.4 GHz band and 5 GHz band get upgraded to the latest generation—perfect for 4K streaming, online gaming, and fast downloading.
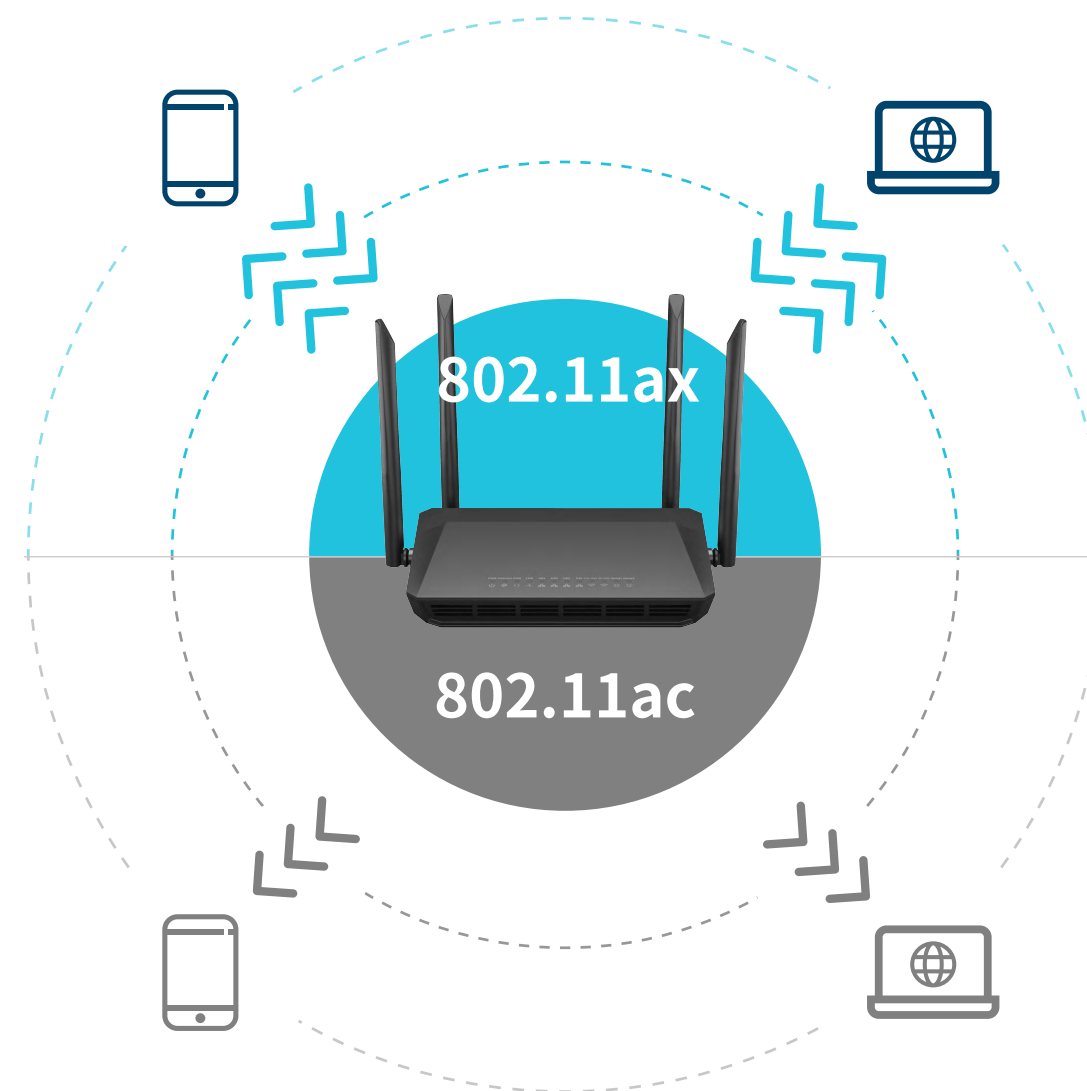
OFDMA uses your time and frequency more efficiently

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.

OFDMA

802.11AX

Reasonable scheduling of access
Better resource utilization

User 1
User 2
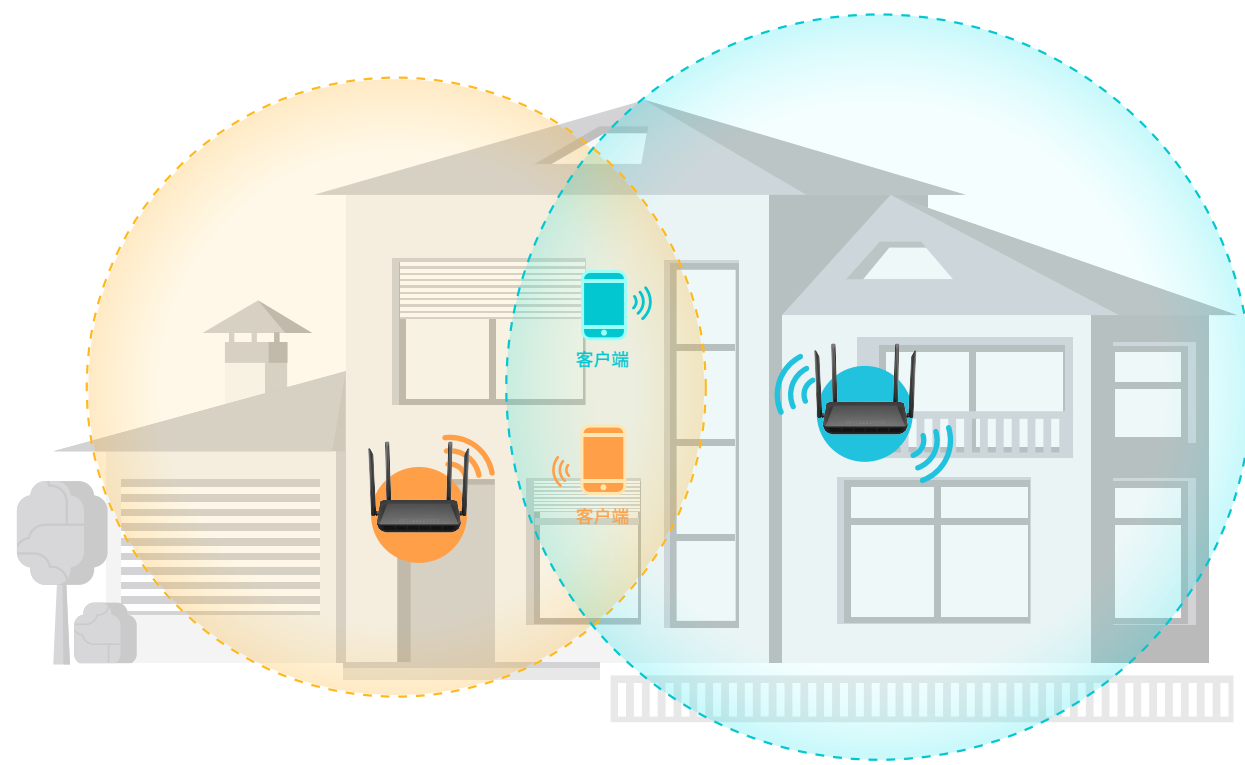User 3

OFDM

802.11AC

User 1
User 2
User 3

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 efficent.
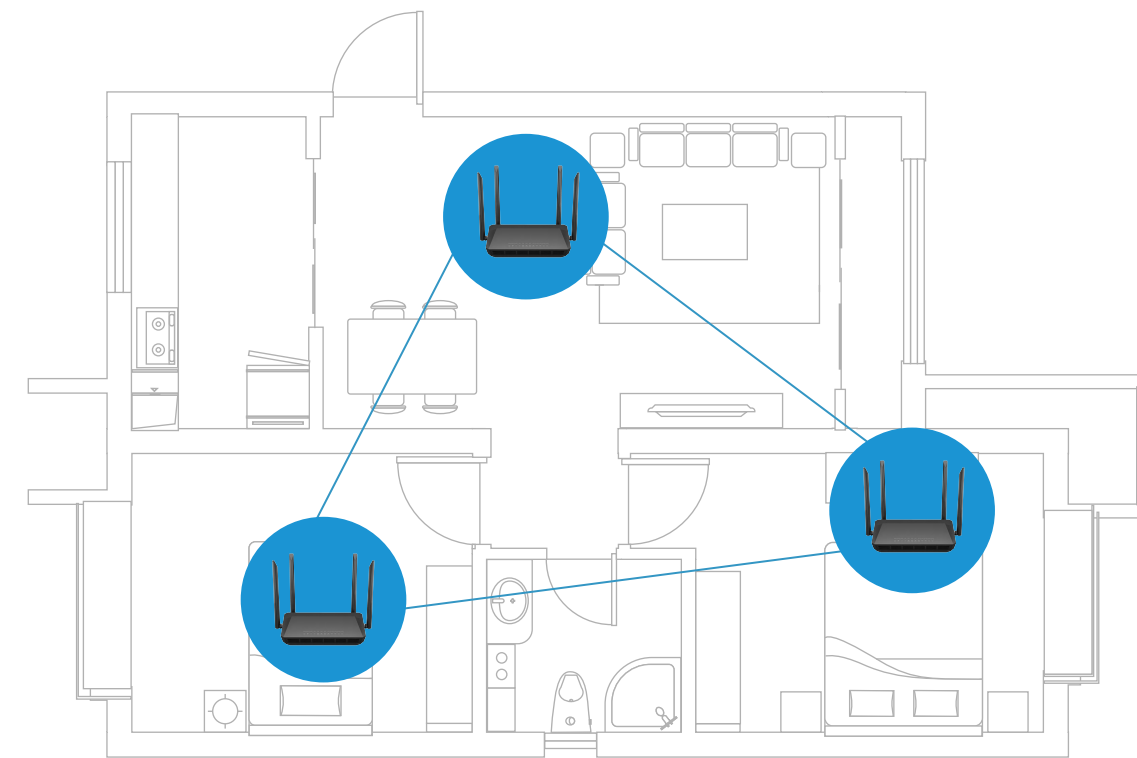
802.11ax
802.11ac

comnect.

BSS Coloring

BBS 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.

Support EasyMesh

Do you want to realize full WiFi coverage? WR843GXE supports EasyMesh, and one-click interconnection can be achieved with no professional knowledge, no configuration.
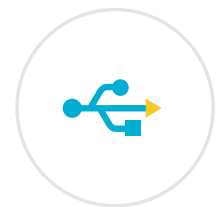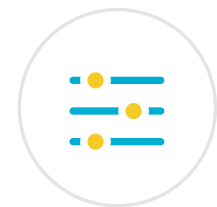
客户端

客户端

Other Features

4 external antennas

GIGA

Gigabit Ports

USB3.0

Quality of Service

Beamforming
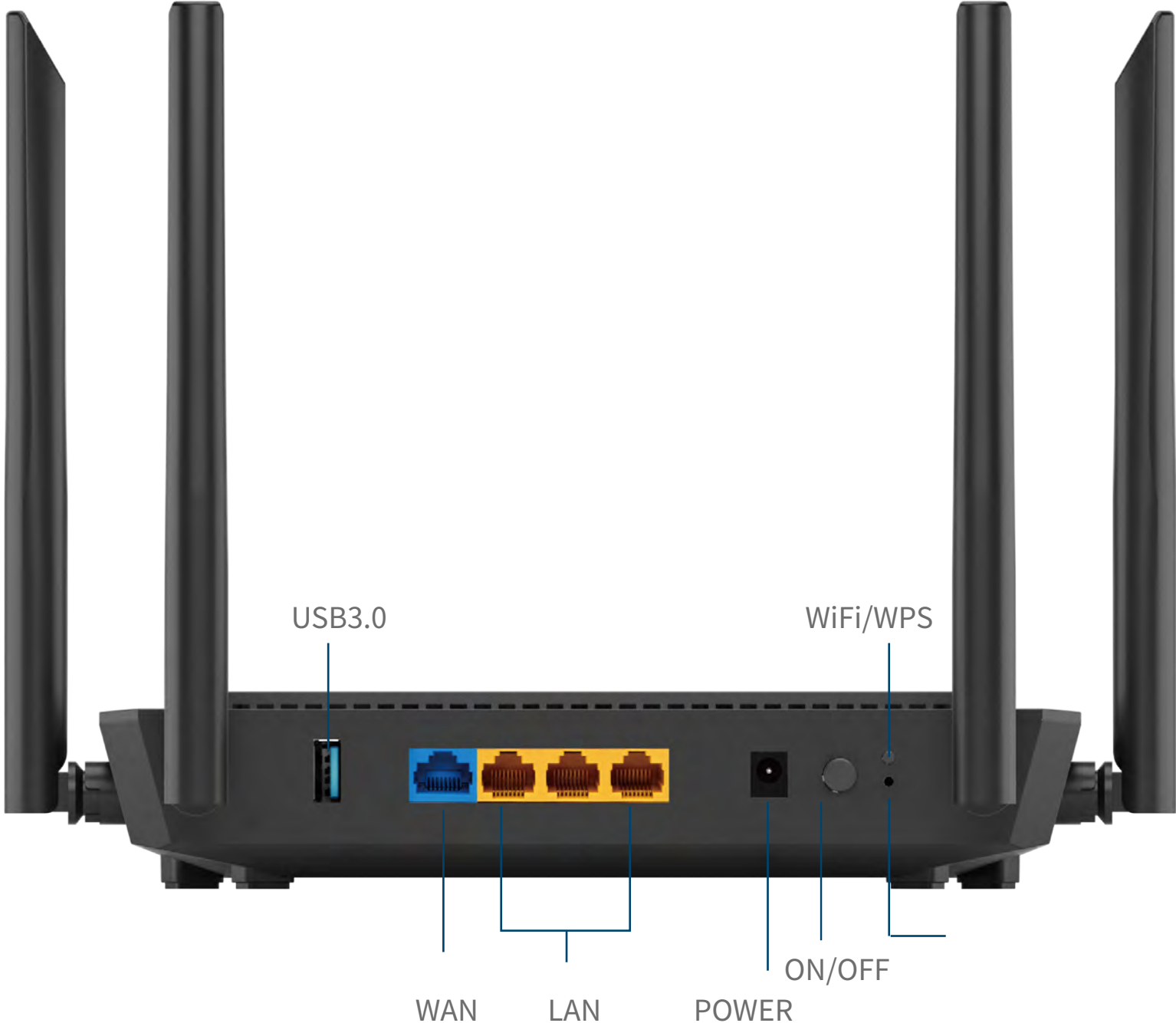
Specifications

General

- Wireless Standards: Wi-Fi6

  IEEE 802.11ax/ac/n/a 5 GHz

  IEEE 802.11ax/n/b/g 2.4 GHz

  compatible with 802.11a/b/g/n/ac Wi-Fi standards

- Signal Rate: 5 GHz: 1201 Mbps(802.11ax),

  2.4 GHz:574 Mbps(802.11ax)

- Operation Frequency: 2.4 GHz & 5GHz

- Wireless Security: WEP, WPA / WPA2, WPA-PSK / WPA2-PSK encryption

Hardware

- Interfaces: 1 x 10/100/1000Mbps WAN Port

  3 x 10/100/1000Mbps LAN Port

  1 x USB 3.0 Port

- Buttons: Wi-Fi/WPS Button, RESET Button, ON/OFF Button

- Power Supply: DC 12V 1.5A

- Antenna: 4 x 5dBi external antennas

- Dimensions (W X D X H): (205 x 128 x 37) mm

USB3.0

WiFi/WPS

ON/OFF

WAN   LAN   POWER

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, RTSP, SIP, FTP
- **Access Control:** URL Filter
- **Firewall Security:** DoS, SPI Firewall, Port Filter, ACL Filter
- **Management:** Access Control
  - Local Management
  - Remote Management
- **Internet Protocol:** IPv4, Pv6
- **USB Support:** FTP Server, Media Server
- **NTP:** Support
- **OFDMA:** Support
- **MU-MIMO:** Support
- **Easymesh:** Support

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 WR843GXE
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide