AX3000 Dual Band
Gigabit WiFi 6 Router

WR853GXR

X Wi-Fi 6 | 802.11AX

GIGA | Gigabit Port

MU | MU-MIMO

Easymesh

USB 3.0

More stable, Faster, Stronger, Broader

● WiFi 6's BSS Color

BBS Color marks frames from neighboring networks, and therefore WR853GXR can ignore them and only focus on your network tasks. Without extra work, it became much more efficient.

Beamforming

Concentrate the wireless signal to the client to enhance the signal strength.

↑ 1024-QAM, 10bits / Symbol

With the latest 1024-QAM, each symbol carries 10 bits, improving raw speeds by 25% compared to 802.11ac 256-QAM.

Greatly Reduce Lag

Providing smaller (but dedicated) sub-channels for multiple users simultaneously, the OFDMA mechanism can improve the average transmission rate per user. It is greatly reduced lag and queue.

Connect to More Devices Simultaneously

WiFi 6's MU-MIMO works with both uploads and downloads. This means that there's more than enough bandwidth for everyone whatever you're doing online.

Reduce Power Consumption

Target Wake Time(TWT) increases the sleep time of the STA to reduce power consumption.

Ultra-Fast Speed, Everywhere

- Excellent WiFi 6 Speed up to 3000 Mbps
- Form a Mesh network with your desired & qualified nodes.
- Larger system capacity

Seamless Roaming with One WiFi Name

WR853G XR Easymesh system keeps you connected as you roam seamlessly from room to room without ever dropping your WiFi signal , and all you need is the unified WiFi name and password to connect.

Music
Gaming
HDTV
Browsing
Shopping
Email

Main Features

Stronger Security (WPA3)

With more secure encryption in WiFi password safety and stronger protection against brute-force attacks, WPA 3 secures your WiFi.
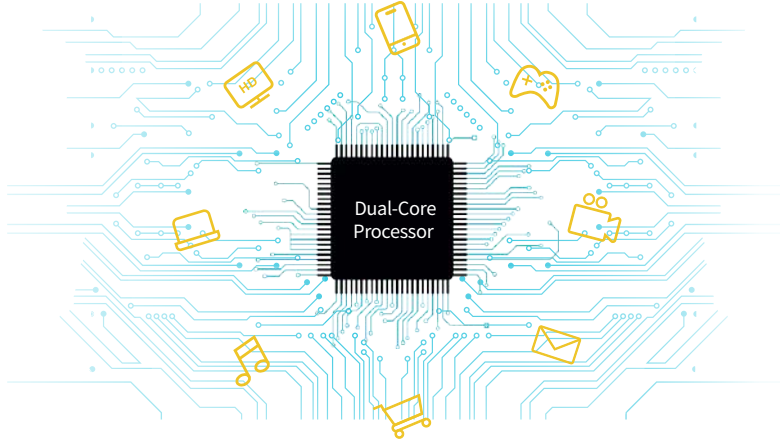
4 x 5 dBi External Antennals + Beamforming

With 4 x 5 dBi external antennas and beamforming technology, it can provide first-rank WiFi coverage and better WiFi signal.

Dual-Core Processor

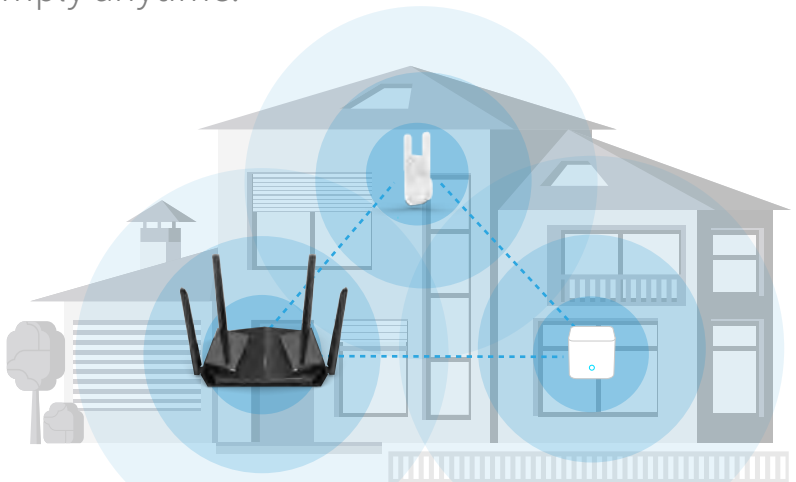Dual-core design brings a faster processing speed and provides the best operation.

Full Gigabit Wired

Equipped with full gigabit ports, it supports up to 1000Mbps bandwith access.

1X   Fast Ethernet

Gigabit Ethernet   10X

Discretionary Network

By adding more qualified nodes, it works with "same family" nodes supported easymesh to form a broader Mesh network simply anytime.

Various Advanced Features

Supported with various advanced features, it guarantees a fast, stable and secure online experience.

QoS   Guest Network

comnect.

Specifications

Wireless

- Wireless Standards: **Wi-Fi6**

  IEEE802.11ax/ac/n/a 5 GHz

  IEEE802.11ax/n/b/g 2.4 GHz

- Mesh Protocol: IEEE802.11k/v/r

  IEEE1905.1

- Signal Rate: 5GHz: 2402Mbps

  2.4GHz: 574Mbps

- Operation Frequency: 2.4 GHz & 5 GHz

- Wireless Security: WPA-PSK(TKIP), WPA2-PSK(AES)和WPA-PSK(TKIP)+WPA2-PSK(AES),

  WPA3-SAE

  Wireless Security: Enable / Disable

  WPS fast encryption

- Basic Features：SSID Broadcast：Enable / Disable

  DL/UL MU-MIMO

  Beamforming

  OFDMA

  TWT

  BSS coloring mechanism

Hardware

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

  3 x 10/100/1000Mbps LAN Port

  1 x USB 3.0 Port

- Buttons: WPS/Pairing Button, RESET Button, POWER ON/OFF Button

- Power Supply: DC 12V 1.5A

- Antenna: 4 x 5dBi External Antennas

- Dimensions (W X D X H): (217 x 132 x 40) mm

Software

- WAN Type：Dynamic IP/Static IP/PPPoE

- DHCP Server: DHCP Server、DHCP Client List、DHCP Reservation

- Virtual Server：Port Forwarding, DMZ Host, UPnP

- VPN：PPTP Client, L2TP Client

- Security：Client Filter

- Firewall：Forbid WAN PING from internet

                       Forbid UDP flood attack

                       Forbid TCP flood attack

                       Forbid ICMP attack

- Internet Protocols：IPv4、IPv6

- Special Features：Parental Control

                       USB Sharing (Samba Server)

                       Dual-frequency integration, dual-frequency optimization

                       Guest Network

                       Easymesh

Environment

- Operating Temperature: 0℃~40℃（32°F~104°F）

- Sorage Temperature: -40℃~70℃（-40°F~158°F）

- Relative Humidity: 10%~90%, no-condensing

- Storage Humidity: 5%~95%, no-condensing

Package Contents

- 1 x WR853GXR

- 1 X Power Adapter

- 1 x Ethernet Cable

- 1 x Quick Installation Guide