

HUAWEI

Media Router



WS323 300Mbps Mini Wireless Router



High-speed Ethernet access
300 Mbit/s wireless connection



Dual bands
2.4 GHz and 5 GHz



Multiple modes
Wi-Fi router, Wi-Fi repeater, and Wi-Fi client



Intelligent detection
Intelligent detection of wireless signals



Product Introduction

The WS323 300Mbps Mini Wireless Router (WS323 for short) supports Wi-Fi 802.11a/b/g/n with wireless transmission rates up to 300 Mbit/s, provides 2.4 GHz and 5 GHz frequency bands for more stable wireless signals, and adopts the 2x2 multiple-input and multiple-output (MIMO) antenna system for wider signal coverage.

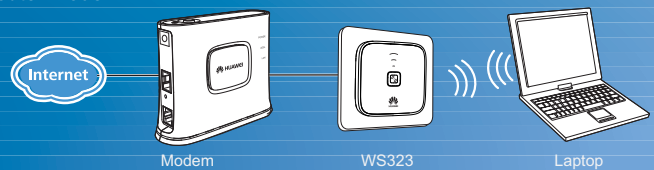
The WS323 supports three working modes:

- Wi-Fi router: The WS323 works as a Wi-Fi access point in a home or office.
- Wi-Fi repeater: The WS323 strengthens existing wireless signals to increase the indoor coverage range.
- Wi-Fi client: The WS323 works as a wireless network adapter.

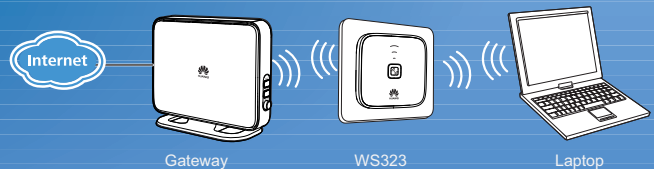


Wi-Fi protected setup (WPS) button: establishes a wireless connection quickly.
Gigabit network port: connects the WS323 to a network cable.
Power socket

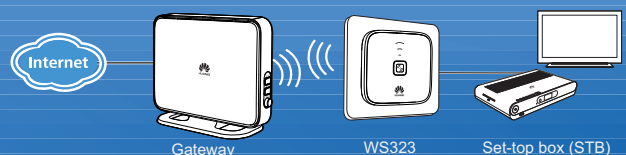
Wi-Fi router mode



Wi-Fi repeater mode



Wi-Fi client mode





WS323 300Mbps Mini Wireless Router

Features

Unibody design and delicate appearance

Uses an integrated power supply and built-in antennas to present a compact, neat, and attractive appearance.

Three working modes, with a wide array of functions

Supports three working modes: Wi-Fi router (configure WAN and firewall settings), Wi-Fi repeater, and Wi-Fi client. You can easily switch between the three modes for different application scenarios.

● Wi-Fi router mode: helps you establish a private wireless access point.

In this mode, the WS323 connects to the Internet using the Ethernet port to work as a hotspot, and allows clients, such as mobile phones or computers to access the wireless network.

● Wi-Fi repeater mode: increases the coverage of wireless signals.

In this mode, the WS323 wirelessly connects to the Internet and provides wireless access for clients, such as mobile phones or computers. You can use this mode to increase the signal coverage of a Wi-Fi hotspot or router.

● Wi-Fi client mode: allows a wired device to provide wireless Internet access.

In this mode, the WS323 connects to clients such as STBs or computers through the network port, allowing them to connect to the Wi-Fi hotspot or router.

High-speed Ethernet access and excellent performance

Uses MIMO technology, 2Tx2R built-in antennas, and high power RF to provide strong signal strength and wireless connection rates up to 300 Mbit/s.

Intelligent detection of wireless signals

In Wi-Fi client and Wi-Fi repeater modes, the WS323 automatically detects Wi-Fi signals of the connected access point, and displays the signal strength using the LED indicator. This helps you select a proper position for installing the WS323.

WPS button supporting press-to-connect, easy and secure

The WPS button lets you to establish a secure wireless connection quickly.

Intuitive web management page

Supports configuration on the intuitive web management page.

Product specifications

Hardware specifications

- 2.4 GHz and 5 GHz Wi-Fi frequency bands, supporting 802.11a/b/g/n with wireless transmission rates up to 300 Mbit/s
- Two built-in omnidirectional antennas
- One 10/100/1000 Mbit/s autonegotiation LAN/WAN Ethernet port (with an indicator), supporting medium dependent interface (MDI) and MDI crossover (MDIX) autonegotiation
- One power plug

Wireless functions

- Service set identifier (SSID) configuration
- SSID hiding
- Channels: channel 1 to 13 or automatic channel selection
- Frequency bands: 20 MHz, 40 MHz, or automatic selection
- Wi-Fi modes: 802.11b, 802.11g, 802.11b/g/n, or 802.11a/n
- Wi-Fi security: encryption using advanced encryption standard (AES), temporary key integrity protocol (TKIP), and 64/128-bit wired equivalent privacy (WEP), certification using Wi-Fi protected access-pre-shared key (WPA-PSK), WPA2-PSK, or WPA-PSK+WPA2-PSK, and wireless MAC address filtering
- WPS
- Working modes: Wi-Fi router, Wi-Fi repeater, and Wi-Fi client
- Automatic signal detection and signal strength display in Wi-Fi client and Wi-Fi repeater modes

Maintenance and management

- Local device configuration, management, and upgrade on the web management page
- Remote device management using the TR069
- Switch between Wi-Fi router, Wi-Fi repeater, and Wi-Fi client modes on the web management page

Power supply specifications

- Product power supply: 100–240 V, AC
- Product power consumption: < 5 W

Physical specifications

Power plug	Dimensions	Weight
China and United States	73mm×73mm×46.5mm	About 91 g
United Kingdom	73mm×73mm×47.5mm	About 100 g
Europe	73mm×73mm×58.5mm	About 95 g
Australia	73mm×73mm×49.5mm	About 92 g

Environmental specifications

- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Operating humidity: 5% to 95% RH (non-condensing)

