

## Overview

Huawei's next generation routers, the AR100 series are designed for enterprise branch offices and small businesses, delivering a comprehensive set of services, including routing, switching, voice, security, and wireless access.

## Quick Specification

Table 1 shows the quick specification.

Model	AR101W-S
Part Number	50010306
Description	Huawei AR101W-S with 1-port GE WAN, 4-ports GE LAN, WIFI 2.4G+5G, 1 USB2.0, AC fixed power
Dimensions (H x W x D)	30 mm x 230 mm x 130 mm (1.18 in. x 9.06 in. x 5.12 in.)
Weight	0.6 kg (1.32 lb)
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	-40°C to +70°C (-40°F to +158°F)

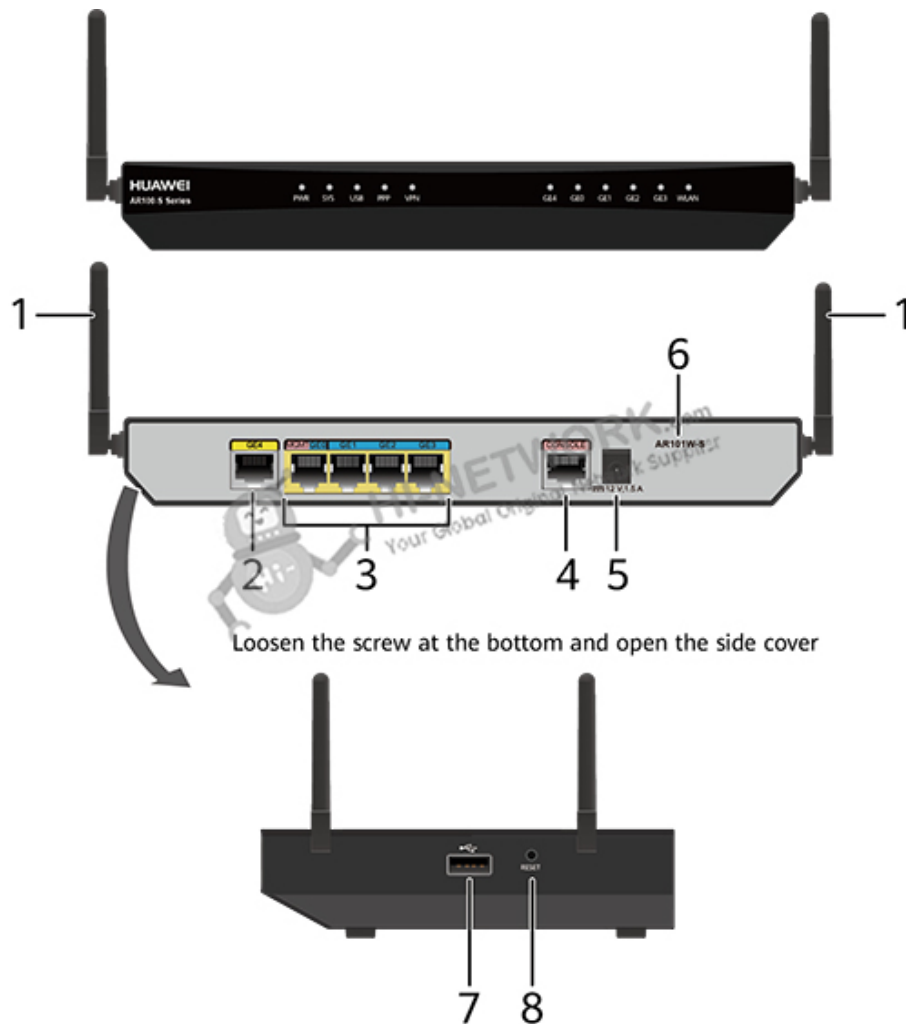
Figure 1 shows the appearance of AR101W-S.





## Product Details

Figure 2 shows the structure of AR101W-S.



Note:

(1)	Four Wi-Fi antennas	(5)	Power jack
(2)	WAN interface: one GE electrical interface	(6)	Product model silkscreen
(3)	LAN interfaces: four GE electrical interfaces	(7)	USB interface (host)
(4)	Console interface	(8)	RST button

## Get More Information

Do you have any question about the AR101W-S (50010306)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).





## Specification

AR101W-S Datasheet	
Item	Specification
Model	AR101W-S
Part Number	50010306
Description	Huawei AR101W-S with 1-port GE WAN, 4-ports GE LAN, WIFI 2.4G+5G, 1 USB2.0, AC fixed power
System parameters	
Processor	Dual-core, 900 MHz
Memory	256 MB
Flash	256 MB
Micro SD card (default)	None
Hard disk	Not supported
Dimensions and weight	
Dimensions (H x W x D)	30 mm x 230 mm x 130 mm (1.18 in. x 9.06 in. x 5.12 in.)
Weight	0.6 kg (1.32 lb)
Power specifications	
Rated input voltage (AC)	110 V AC to 220 V AC, 50 Hz/60 Hz
Maximum input voltage range (AC)	90 V to 270 V, 45 Hz to 65 Hz
Maximum output current	2 A
Maximum output power	24 W
RPS power supply	Not supported
PoE power supply	Not supported
Power consumption	
Maximum power consumption	15 W
Heat dissipation	
Fans	None
Airflow (facing the front panel)	None
Interface density	
Management interfaces	1 (RJ45)
CON/AUX interfaces	1 (RJ45)
USB 2.0 interfaces	1
Service interfaces	WAN interface: one GE electrical interface





	LAN interfaces: four GE electrical interfaces
Extended slots	Not supported
Environment parameters	
Operating temperature	0°C to 40°C (32°F to 104°F) NOTE: When the altitude is 1800 m-5000 m (5906ft.-16404.2 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).
Storage temperature	-40°C to +70°C (-40°F to +158°F)
Operating relative humidity	5% to 95%, noncondensing
Operating altitude	< 5000 m (16404.2 ft.)

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WhatsApp Business: +8618057156223

