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Huawei B818 4G Router 3 Prime CAT-19 Router

SKU
CPE-HW-00001
MPN
B818-263

Description

Huawei's B818 4G router is a gigabit modem capable of delivering up to 1.6 Gb/s in downlink speeds using its Category-19 LTE Advanced Pro chipset.

This headline data rate is capable through advanced wireless technologies including 4x4 MIMO, 256QAM modulation, and Quad-carrier aggregation.

The B818 modem is very popular for users looking to make the most out of the latest 4G LTE upgrades, often providing data speeds nearing that of 5G networks.

The Huawei B818 modem can automatically select and seamlessly switch to the band with stronger signals. Supporting both 5 GHz and 2.4 GHz bands, the router delivers super fast Wi-Fi speed up to 1167 Mb/s, and also offers stable wireless connection in more rooms. Two gigabit RJ45 Ethernet ports supports LAN connectivity to larger commercial networks.

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Like many modems the unit is throttled by its 1 Gb/s LAN port, and 802.11ac WiFi limited to 1167 Mb/s. The headline data rate of 1.6 Gb/s is still important as it defines the unit's spectral efficiency, which is important in achieving the best possible data speed while competing against other users for tower airtime.

Lower cellular bands are limited to 2x2 MIMO (< 1800 MHz).

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HUAWEI

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Huawei stands as a premier global provider of information and communications technology (ICT) solutions. The overarching goal is to enhance life and boost efficiency via a more interconnected world, whilst embodying a responsible corporate citizen, an innovative catalyst for the information society, and a collaborative industry contributor. Guided by customer-focused innovation and open ...

Network Interfaces

Wireless Interfaces

Cellular Module

Technologies

[3G UMTS](#), [4G LTE](#), [5G NR](#)

Failover

Manual

4G LTE Specifications

MIMO

[4x4 MIMO](#)

LTE Bands

[B20](#)

,

[B26](#)

,

[B28](#)

,

[B32](#)

,

[B38](#)

,

[B40](#)

,

[B41](#)

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[B42](#)

,

[B43](#)

DL Category

Cat 19

UL Category

Cat 13

Carrier Aggregation

4C CA

SIM Cards

Quantity SIM Type

1 [Micro SIM \(3FF\)](#)

Modem RF Connectors

RF Connector Function Quantity RF Interface

Cellular 2 [TS-9 Female](#)

WiFi Module

WiFi Chipset

GigaHome WiFi

No. Radios

2

Max. Throughput

1167 Mb/s

Max. Clients

64

No. Antennas

2

WiFi Radios

Radio Name (Optional) WiFi Standard Frequency Bands MIMO

Radio A [802.11n](#) [2.4 GHz](#) [2x2 MIMO](#)

Radio B [802.11ac Wave 1](#) [5 GHz](#) [2x2 MIMO](#)

Ethernet Interfaces

Interface Quantity Function Signalling

[RJ45 Copper](#) 1 LAN [100BASE-T](#), [1000BASE-T](#)

[RJ45 Copper](#) 1 LAN/WAN [100BASE-T](#), [1000BASE-T](#)

Physical Specification

Subtype

[Router](#)

Min. Operating Temperature

0 °C

Max. Operating Temperature

40 °C

Dimensions

225 × 103 × 103 mm

Weight

614 g

Materials

[ABS Plastic](#)

Compliance/Certifications

[CE](#)

,

[RCM](#)

,

[RoHS](#)

IO Interfaces

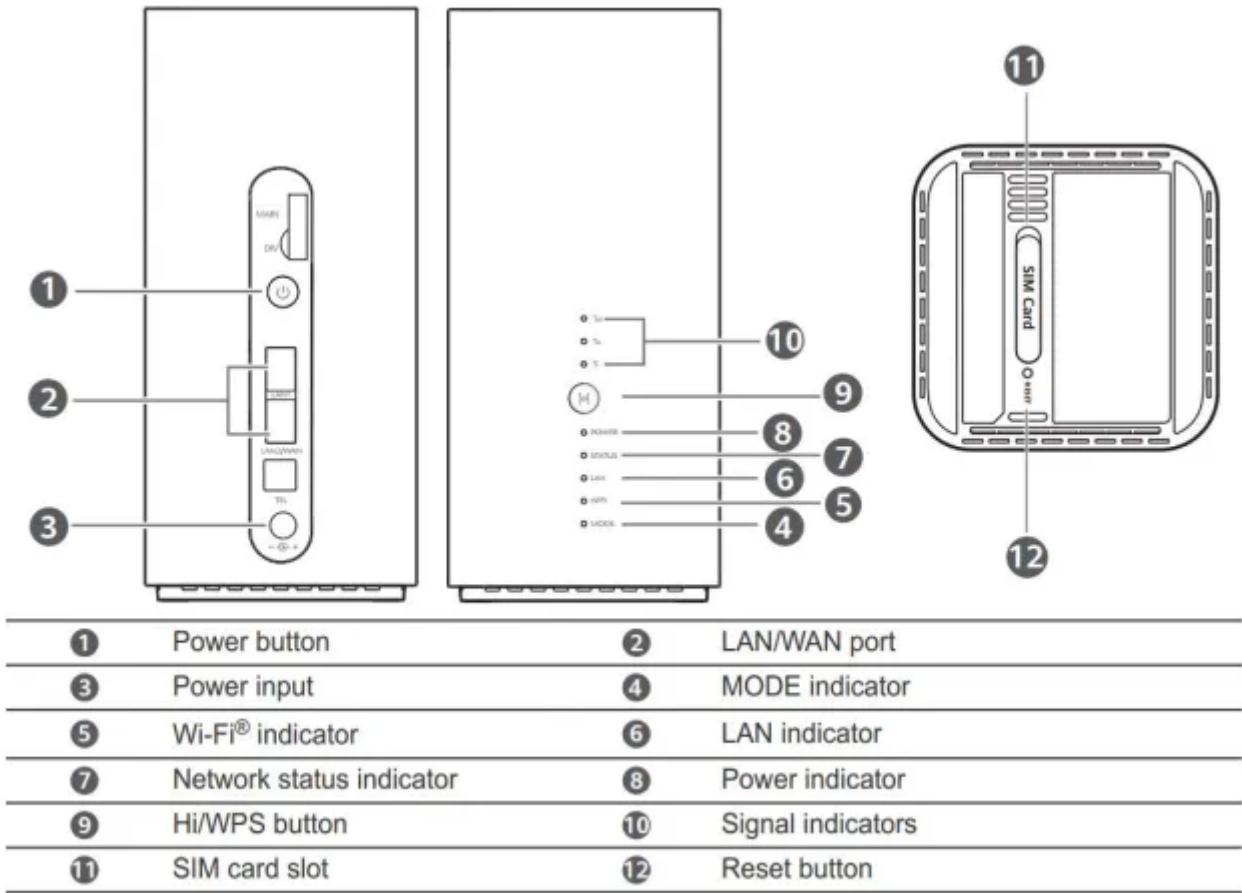
IO Connector	Quantity	Notes
RJ11 Phone Socket	1	For connecting ordinary telephone

Power Specifications

Max. Consumption

24 W

Drawing



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