



Overview

The NetEngine AR6000 series routers provide a broad range of options for customers of all sizes across industries to best suit their extensive application scenarios. The NetEngine AR6100 series is ideal for midsize branches.

Quick Specification

Table 1 shows the quick specification.

Model	AR6120
Part Number	02352CQW
Description	AR6120, 1*GE WAN, 1*GE combo WAN, 1*10GE SFP+, 8*GE LAN, 2*USB, 2*SIC
Dimensions with packaging (H x W x D)	150 mm x 525 mm x 388 mm (5.91 in. x 20.67 in. x 15.28 in.)
Weight with packaging	4.7 kg (10.3 lb)
Typical power consumption	17 W
Maximum power consumption	20 W

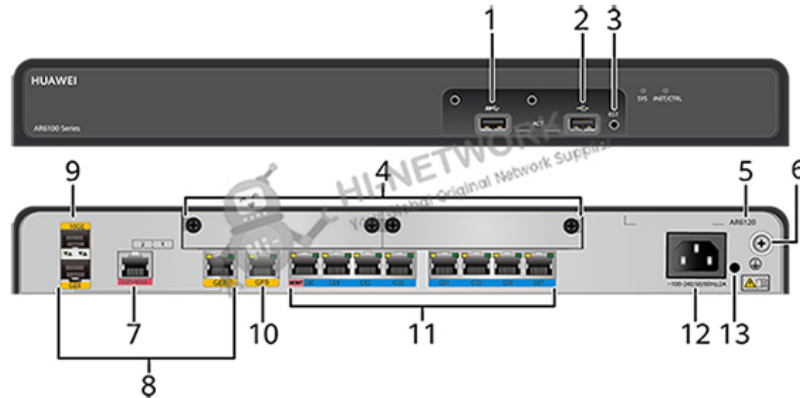
Figure 1 shows the appearance of AR6120.





Product Details

Figure 2 shows the structure of AR6120.



Note:

(1)	USB interface 3.0 (host)	(8)	WAN interface: GE combo interface
(2)	USB interface 2.0 (host)	(9)	WAN interface: one 10GE optical interface
(3)	RST button	(10)	WAN interface: one GE electrical interface
(4)	Two SIC slots	(11)	LAN interfaces: eight GE electrical interfaces
(5)	Product model silkscreen	(12)	AC power jack
(6)	Ground point	(13)	Jack for power cable locking strap
(7)	Console interface		

Get More Information

Do you have any question about the AR6120 (02352CQW)?

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Specification

AR6120 Datasheet

Model	AR6120
Part Number	02352CQW
Description	AR6120, 1*GE WAN, 1*GE combo WAN, 1*10GE SFP+, 8*GE LAN, 2*USB, 2*SIC
Installation type	Rack, Work bench, Against the wall
Chassis height [U]	1
Dimensions without packaging (H x W x D) [mm(in.)]	- Basic dimensions (excluding the parts protruding from the body): 44.4 mm x 390.0 mm x 229.8 mm (1.75 in. x 15.35 in. x 9.05 in.) - Maximum dimensions (the depth is the distance from ports on the front panel to the





	handle on the rear panel): 44.4 mm x 390.0 mm x 234.6 mm (1.75 in. x 15.35 in. x 9.24 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	150 mm x 525 mm x 388 mm (5.91 in. x 20.67 in. x 15.28 in.)
Weight with packaging [kg(lb)]	4.7 (10.3)
Weight without packaging [kg(lb)]	2.9 (6.39)
CPU	1.4 GHz, 4 Cores
Memory	2 GB
NAND Flash	512 MB
Console port	RJ45
RTC	Supported
LAN ports	8 x GE electrical
WAN ports	1 x 10GE SFP+, 1 x GE electrical, 1 x GE combo
Number of service board slots	2
MIC slots (default/maximum)	0/0
SIC slots (default/maximum)	2/2
WSIC slots (default/maximum)	0/1
XSIC slots (default/maximum)	0/0
Redundant MPUs	Not supported
RPS input	Not supported
PoE	Not supported
IP rating	IP20
MTBF [years]	36.7
MTTR [hours]	2
Availability	0.9999937802
Typical power consumption [W]	17
Maximum power consumption [W]	20
Power supply mode	AC built-in
Number of power modules	1
Rated input voltage [V]	100 V to 240 V, 50 Hz/60 Hz
Input voltage range [V]	90 V to 264 V, 47 Hz to 63 Hz
Maximum input current [A]	2
Maximum output power [W]	60
Redundant power supply	Not supported
Types of fans	Built-in
Number of fan modules	1
Heat dissipation mode	Air cooling
Airflow	Left-to-right airflow
Noise at normal temperature (acoustic power) [dB(A)]	49.6
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F) Note: When the altitude is 1800–5000 m (5906–16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.).
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing





Long-term operating altitude [m(ft.)]	< 5000 m (16404.2 ft.)
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Overtemperature alarm	Supported

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