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.

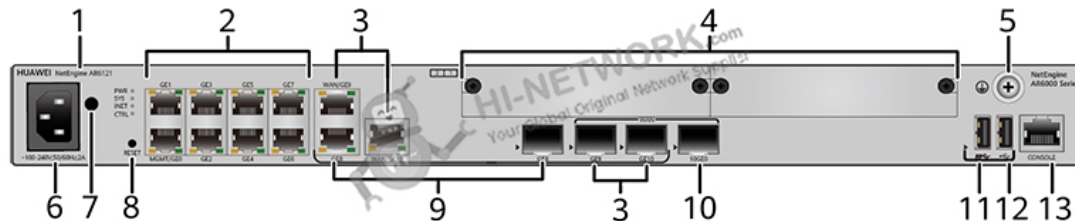| Model	AR6121
Part Number	02353BVK
Description	AR6121, 2*GE combo WAN, 1*10GE(SFP+) WAN, 8*GE LAN, 1*GE combo LAN, 2*USB, 2*SIC
Dimensions with packaging (H x W x D)	90 mm x 570 mm x 390 mm (3.54 in. x 22.44 in. x 15.35 in.)
Weight with packaging	4.6 kg (10.12 lb)
Typical power consumption	27 W
Maximum power consumption	31 W

Figure 1 shows the appearance of AR6121.

Product Details

Figure 2 shows the structure of AR6121.

Note:

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

Get More Information

Do you have any question about the AR6121 (02353BVK)?

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Specification

AR6121 Datasheet	
Model	AR6121
Part Number	02353BVK
Description	AR6121, 2*GE combo WAN, 1*10GE(SFP+) WAN, 8*GE LAN, 1*GE combo 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 442.0 mm x 220.4 mm (1.75 in. x 17.4 in. x 8.68 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 442.0 mm x 225.2 mm (1.75 in. x 17.4 in. x 8.87 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	90 mm x 570 mm x 390 mm (3.54 in. x 22.44 in. x 15.35 in.)
Weight with packaging [kg(lb)]	4.6 (10.12)
Weight without packaging [kg(lb)]	3.2 (7.04)
CPU	1.4 GHz, 4 Cores
Memory	2 GB
NAND Flash	1 GB
Console port	RJ45
RTC	Supported
LAN ports	8 x GE electrical, 1 x GE combo
WAN ports	1 x 10GE SFP+, 2 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]	30.50
MTTR [hours]	2
Availability	0.9999925166
Typical power consumption [W]	27
Maximum power consumption [W]	31
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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