

## 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                                 | AR6140-9G-2AC  |
| Part Number                           | 02352UNK   |
| Description                           | AR6140-9G-2AC AC host, 5*GE RJ45, 4*GE SFP, 1*USB 3.0, 4*SIC |
| Dimensions with packaging (H x W x D) | 175 mm x 550 mm x 710 mm (6.89 in. x 21.65 in. x 27.95 in.)  |
| Weight with packaging                 | 7.6 kg (16.72 lb)  |
| Typical power consumption             | 26 W   |
| Maximum power consumption             | 32 W   |

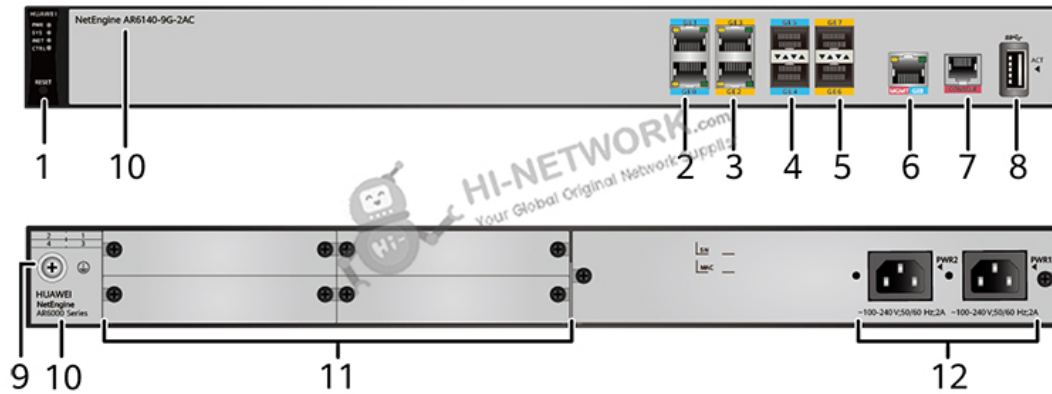
Figure 1 shows the appearance of AR6140-9G-2AC.





## Product Details

Figure 2 shows the structure of AR6140-9G-2AC.



Note:

|     |  |      |                          |
|-----|--|------|--------------------------|
| (1) | RESET button                                 | (7)  | Console interface        |
| (2) | LAN interface: two GE electrical interfaces  | (8)  | USB interface 3.0 (host) |
| (3) | WAN interfaces: two GE electrical interfaces | (9)  | Ground point             |
| (4) | LAN interfaces: two GE optical interfaces    | (10) | Product model silkscreen |
| (5) | WAN interfaces: two GE optical interfaces    | (11) | Four SIC slots           |
| (6) | LAN interface: one GE electrical interface   | (12) | Two AC power jacks       |

## Get More Information

Do you have any question about the AR6140-9G-2AC (02352UNK)?

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

## Specification

| AR6140-9G-2AC Datasheet                            |   |
|--|---|
| Model  | AR6140-9G-2AC   |
| Part Number  | 02352UNK  |
| Description  | AR6140-9G-2AC AC host, 5*GE RJ45, 4*GE SFP, 1*USB 3.0, 4*SIC  |
| Installation type                                  | Rack  |
| 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 428.2 mm (1.75 in. x 17.4 in. x 16.86 in.)<br>- 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 431.2 mm (1.75 in. x 17.4 in. x 16.98 in.) |





|  |  |
|--|--|
|  | in.)   |
| Dimensions with packaging (H x W x D)<br>[mm(in.)]   | 175 mm x 550 mm x 710 mm (6.89 in. x 21.65 in. x 27.95 in.)  |
| Weight with packaging [kg(lb)]                       | 7.6 (16.72)  |
| Weight without packaging [kg(lb)]                    | 5.05 (12.1)  |
| CPU  | 1.4 GHz, 4 Cores   |
| Memory   | 2 GB   |
| NAND Flash   | 1 GB   |
| Console port   | RJ45   |
| RTC  | Supported  |
| LAN ports  | 2 x GE SFP, 3 x GE electrical  |
| WAN ports  | 2 x GE SFP, 2 x GE electrical  |
| Number of service board slots                        | 4  |
| MIC slots (default/maximum)                          | 0/0  |
| SIC slots (default/maximum)                          | 4/4  |
| WSIC slots (default/maximum)                         | 0/2  |
| XSIC slots (default/maximum)                         | 0/0  |
| Redundant MPUs                                       | Not supported  |
| RPS input  | Not supported  |
| PoE  | Not supported  |
| IP rating  | IP20   |
| MTBF [years]   | 55.27  |
| MTTR [hours]   | 2  |
| Availability   | 0.9999958690   |
| Typical power consumption [W]                        | 26   |
| Maximum power consumption [W]                        | 32   |
| Power supply mode                                    | AC built-in  |
| Number of power modules                              | 2  |
| 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 W/70 W<br>To view the available maximum output power, run the display power command.  |
| Redundant power supply                               | Dual power supplies in 1:1 backup mode   |
| Types of fans  | Built-in   |
| Number of fan modules                                | 2  |
| Heat dissipation mode                                | Air cooling  |
| Airflow  | Left-to-right airflow  |
| Noise at normal temperature (acoustic power) [dB(A)] | 54   |
| Long-term operating temperature [°C(°F)]             | 0°C to 45°C (32°F to 113°F)<br>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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HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: [info@hi-network.com](mailto:info@hi-network.com)

Skype: echo.hinetwork

WhatsApp Business: +8618057156223

