



## Overview

This Access Controller (AC), when used in conjunction with Huawei Access Points (APs), is ideal for constructing campus networks, enterprise office networks, wireless Metropolitan Area Networks (MANs), and hotspot coverage environments.

## Quick Specification

Table 1 shows the quick specification.

|                              |  |
|------------------------------|--|
| Model                        | AirEngine 9700-M1  |
| Part Number                  | 02353VVC, 02354FRN, 02354FRN-001   |
| Description                  | AirEngine9700-M1 mainframe (12*GE ports, 12*10GE SFP+ ports, 2*40GE QSFP+ ports, no power) |
| Dimensions without packaging | 175 mm x 650 mm x 550 mm (6.89 in. x 25.59 in. x 21.65 in.)                                |
| Weight with packaging        | 8.5kg (18.74 lb)   |
| Maximum power consumption    | 159.2 W  |
| Maximum heat dissipation     | 543.2 BTU/hour   |

Figure 1 shows the appearance of AirEngine 9700-M1.



## Get More Information

Do you have any question about the AirEngine 9700-M1 (02353VVC, 02354FRN, 02354FRN-001)?

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





## Specification

| AirEngine 9700-M1 Datasheet                           |  |
|---|--|
| Model   | AirEngine 9700-M1  |
| Part Number   | 02353VVC, 02354FRN, 02354FRN-001   |
| Description   | AirEngine9700-M1 mainframe (12*GE ports, 12*10GE SFP+ ports, 2*40GE QSFP+ ports, no power)   |
| Installation Type                                     | Rack   |
| Dimensions without packaging (H x W x D) [mm(in.)]    | Basic: 43.6 mm x 442 mm x 420 mm (1.72 in. x 17.40 in. x 16.54 in.)<br>Maximum: 43.6 mm x 442 mm x 444 mm (1.72 in. x 17.40 in. x 17.48 in.)   |
| Dimensions with packaging (H x W x D) [mm(in.)]       | 175 mm x 650 mm x 550 mm (6.89 in. x 25.59 in. x 21.65 in.)  |
| Weight without packaging [kg(lb)]                     | 6.20 kg (13.67 lb)   |
| Weight with packaging [kg(lb)]                        | 8.5kg (18.74 lb)   |
| Storage   | M.2 memory card 32 GB  |
| Console port  | RJ45   |
| Eth Management port                                   | RJ45   |
| Maximum power consumption [W]                         | 159.2  |
| Maximum heat dissipation [BTU/hour]                   | 543.2  |
| Power supply mode                                     | Pluggable power supply   |
| Number of power modules                               | 2  |
| Service port surge protection                         | 6 kV in common mode  |
| Types of fans   | Pluggable  |
| Number of fan modules                                 | 3  |
| Maximum number of physical ports on the entire device | 2*40G (QSFP+) + 12*10GE (SFP+) + 12*GE<br>One 40G interface and four 10G interfaces are mutually exclusive.  |
| Long-term operating temperature [°C(°F)]              | 0°C to 45°C (32°F to 113°F) (From 1800 m to 5000 m [5905.51 ft. to 16404.20 ft.], the maximum temperature of the device decreases by 1°C [1.8°F] for every 300 m [984.25 ft.] increase in altitude.) |
| Storage temperature [°C(°F)]                          | -40°C to +70°C (-40°F to +158°F)   |
| Long-term operating relative humidity [RH]            | 5% RH to 95% RH, non-condensing  |
| Long-term operating altitude [m(ft.)]                 | -60 m to +5000 m (-196.85 ft to +16404.20 ft)  |
| Atmospheric pressure [kPa]                            | 53kPa - 106kPa ETSI 300 019-2-3  |
| Noise at normal temperature (acoustic power) [dB(A)]  | ≤ 55 dBA   |
| Ground  | Ground   |
| USB   | Standard USB 3.0 port (host type A) x 1  |





|             |    |
|-------------|----|
| MTBF [year] | 28 |
| MTTR [hour] | 2  |

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