

HPE Aruba Networking EC-M-H SD-WAN Gateway



Product overview

The HPE Aruba Networking EC-M-H SD-WAN Gateway is a 1 U rack-mountable hub gateway platform that serves to build an SD-WAN fabric using zero touch provisioning. It supports MPLS, 4G/LTE/5G and internet-based hybrid WAN transport services and a control plane that is automated and secured by the HPE Aruba Networking WAN Orchestrator centralized management software providing policy-based virtual network segmentation and acceleration of on-premises and SaaS cloud applications.

Key features of EC-M-H include high-availability through power supply and storage redundancy, 8 x 1GbE RJ45 ports along with 4 x 1/10Gbps Short Reach (SR) or Long Reach (LR) fiber optical ports, making it an ideal platform for Data Center and large hub environments with typical WAN bandwidth from 50Mbps to 5 Gbps (bidirectional).

Technical specifications

Capacity

WAN bandwidth capacity (all features + encryption) 50 Mbps to 5 Gbps (bidirectional)

Simultaneous connections 2,000,000

Recommended WAN optimization up to 1 Gbps

Resiliency

Power supplies Dual redundant

Network WAN link redundancy supported via business intent overlays with multiple link bonding options. LAN-side protection includes VRRP and BGP. Multiple IPSLA options included.

Storage 960GB SSD

Routing BGP and OSPF supported

MTBF 15.0 years

Security

Disk encryption 128-bit AES

Network encryption (data plane) IPsec (256-bit AES)

Network encryption (management plane) TLS 1.2

Connectivity

LAN/WAN ethernet 8 x 10/100/1000 (4 LAN/4 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q and 4 x 1/10Gbps SFP+ optical interfaces that can support pluggable optics

Management 2 x 10/100/1000; Console port

Power

AC requirement 153W / 522 BTU

Power adapter 1+1 redundant

Dimensions

Height 1.69 in (42.9 mm) / 1U

Width 17.2 in (436.9 mm)

Depth 16.5 in (419.1 mm)

Weight 18.1 lbs (8.2 kg)



Technical specifications

Regulatory

EMC FCC Part 15 Class A, EN 55024/55032/55035 Class A, VCCI Class A, EN 61000-3-2/3-3

Safety UL/CB 60950-1 / 62368-1, EN 60950 / 62368

Environmental

Temperature (operating) 0° C to 40° C (32° to 104° F)

Temperature (storage) -40° C to 65° C (-40° to 149° F)

Humidity (operating) 10 to 80 percent relative humidity, non-condensing

Humidity (storage) 8 to 95 percent relative humidity, non-condensing

Altitude (operating) Up to 10,000 ft (3,048 m)

Altitude (storage) Up to 40,000 ft (12,192 m)

Management

CLI Full-featured CLI available over console port or SSH

GUI HPE Aruba Networking EdgeConnect SD-WAN Operating System (ECOS) includes a Web User Interface which manages an individual appliance. HPE Aruba Networking WAN Orchestrator provides centralized configuration, monitoring and management of multiple HPE Aruba Networking EdgeConnect SD-WAN appliances.

API REST API at appliance level. HPE Aruba Networking WAN Orchestrator provides REST API for systems integration.

SNMP SNMPv2c, SNMPv3

Secure access SSH and HTTPS (Web UI)

Logging Secure syslog with configurable levels

Authentication Local database, RADIUS, TACACS+

Statistics Graphing and monitoring, real-time and historical. NetFlow and IPFIX supported



Ordering information

Product type	Regulatory model name	HPE Aruba Networking SKU	Description
Enterprise			
	FWA-ASP3050-12C	JZ872A	HPE Aruba Networking EC-M-H SD-WAN GW
	FWA-ASP3050-12C	JZ874A	HPE Aruba Networking EC-M-H NFR SD-WAN GW
	FWA-ASP3050-12C	S3N75A	HPE Aruba Networking EC M-H AC NAL SD-WAN GW
Accessories			
		JZ894A	HPE Aruba Networking EC-M-H Accessory Kit
		JZ954A	HPE Aruba Networking EC-M-H Sliding Rails
		JZ955A	HPE Aruba Networking EC-M-H PSU

Make the right purchase decision.
Contact our presales specialists.

