

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



Product overview

The HPE Aruba Networking EC-L-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/5aG, 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-L-H include high-availability through power supply and storage redundancy, and six (6) ports supporting 10 Gbps 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 2 to 10 Gbps (bidirectional).

Technical specifications

Capacity

WAN bandwidth capacity (all features + encryption) 2 to 10 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 960 GB SSD

Routing BGP and OSPF supported

MTBF Greater than 10 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 6 x 1/10 Gbps SFP+ transceiver cages as per IEEE 802.3z, 802.3ae, 802.1Q

Management 2 x 10/100/1000; Console port

Power

AC requirement 404W/1379 BTU

Power adapter 1+1 redundant

Dimensions

Height 1.69 in (42.9 mm)/1U

Width 17.11 in (434.6 mm)

Depth 27.83 in (706.9 mm)

Weight 32 lb (14.6 kg)



Technical specifications

Regulatory

EMC FCC Part 15 Class A, CISPR 22/23, EN 55032 Class A, EN 55024, VCCI Class A, IEC 61000-3-2/3-3, EN 61000-3-2/3-3

Safety UL 60950-1, IEC 60950-1, IEC 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) 10–80% relative humidity, non-condensing

Humidity (storage) 8–95% 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), supports PKI as per RFC 5280, RFC 6960 and RFC 7030

Logging Secure syslog with configurable levels

Authentication Local database, RADIUS, TACACS+

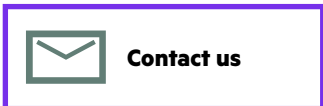
Statistics Graphing and monitoring, real-time and historical. NetFlow and IPFIX supported.



Ordering information

Product type	Regulatory model name	HPE Aruba Networking SKU	Description
Enterprise			
	HSTNS-2154	JZ878A	HPE Aruba Networking EC-L-H SD-WAN Gateway
	HSTNS-2154	JZ880A	HPE Aruba Networking EC-L-H-NFR SD-WAN Gateway
	HSTNS-2154	S3N76A	HPE Aruba Networking EC L-H 2PS NAL SD-WAN GW
Accessories			
		JZ886A	HPE Aruba Networking EC-L-H/EC-XL-H Rails
		JZ887A	HPE Aruba Networking EC-L-H/EC-XL-H PSU
		JZ888A	HPE Aruba Networking EC-L-H/EC-XL-H Center Mount Kit Adapts 4 post sliding rail to 2 post rack
		JZ889A	HPE Aruba Networking EC-L-H/EC-XL-H 480GB SSD drive

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