



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

Product overview

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

Key features of HPE Aruba Networking EC-L-H SD-WAN Gateway include high availability through power supply and storage redundancy, and six ports supporting 10 Gbps Short Reach (SR) or Long Reach (LR) fiber optical ports. These features make it an ideal platform for data center and large hub environments with typical WAN bandwidth from 2 to 10 Gbps (bidirectional).

Table 1. 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
IDS/IPS capacity (Performant mode) up to	7.5 Gbps
IDS/IPS capacity (Inline mode) up to	4 Gbps
Resiliency	
Power supplies	Dual redundant
Network	WAN link redundancy supported through 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	6x 1/10 Gbps SFP+ transceiver cages as per IEEE 802.3z, 802.3ae, 802.1Q
Management	2x 10/100/1000; console port
Power	
AC requirement	404W/1379 BTU
Power adapter	1+1 redundant

Table 1. Technical specifications (continued)

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)
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°F to 104°F)
Temperature (storage)	-40°C to 65°C (-40°F 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 (3048m)
Altitude (storage)	Up to 40,000 ft (12,192m)
Management	
CLI	Full-featured CLI available over console port or SSH
GUI	HPE Aruba Networking EdgeConnect SD-WAN Operating System includes a web user interface (WebUI), which manages an individual appliance. HPE Aruba Networking SD-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 SD-WAN Orchestrator provides REST API for systems integration.
SNMP	SNMPv2c, SNMPv3
Secure access	SSH and HTTPS (WebUI), 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

Learn more at

HPE.com/us/en/Aruba-EdgeConnect-SD-WAN.html

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