

HPE Aruba Networking EdgeConnect SD-WAN XS



The HPE Aruba Networking EdgeConnect SD-WAN Extra Small (XS) is a very compact form factor thin edge branch gateway appliance that serves to build an SD-WAN fabric using zero touch provisioning. It supports MPLS, 4G/5G/LTE, internet-based hybrid WAN datapaths, 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-premise and SaaS cloud applications.

Key features of the HPE Aruba Networking EdgeConnect SD-WAN XS include quiet operations and flexible mounting options, making it an ideal appliance for small branch and remote office environments with typical WAN bandwidth from 2 to 1000 Mbps (bidirectional).

Technical specifications

Capacity

WAN bandwidth capacity (all features + encryption) 2 to 1000 Mbps (bidirectional)

Simultaneous connections 256,000

Recommended WAN optimization up to 250 Mbps

Resiliency

Drives Single

Power supplies Single

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.

RAM ECC memory

MTBF 162,171 hours (18.5 years)

Security

Disk encryption 128-bit AES

Network encryption IPsec (256-bit AES)

Connectivity

LAN/WAN Ethernet 4 x 10/100/1000 LAN/WAN (2 LAN/ 2 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q

Management 2 x 10/100/1000; console port

Deployment

In-line router mode In-line as next-hop gateway between L2 switch and WAN router or broadband internet modem for zero touch provisioning, with WAN hardening or zone-based stateful firewall

Power

Requirement Input: 100-240 V AC / 50-60 Hz
Max power consumption: 34 W / 116 BTU

Power supplies Single adapter

Dimensions

Height 1.7 in (44 mm)

Width 9.4 in (240 mm)

Depth 7.9 in (200 mm)

Weight 3.5 lbs (1.6 kg)



Technical specifications

Regulatory

EMC FCC Part 15 Class B, EN 55022 Class B, VCCI Class B EN 61000-3-2/3-3, EN 55024

Safety UL/cUL/60950, EN 60950

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) 8–90% 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

HPE Aruba Networking EdgeConnect Operating System (ECOS) includes a web user interface and REST API which manages an individual appliance.

UI/HTTPS

HPE Aruba Networking EdgeConnect SD-WAN Orchestrator provides centralized configuration, monitoring, and management of multiple EdgeConnect SD-WAN gateways. It also provides REST API and streaming notification service.

SNMP SNMPv3

Secure access SSH and HTTPS, Supports PKI as per RFC 5280, RFC 6960 and RFC 7030

Logging Secure syslog with configurable levels. Email alerts.

Authentication Local database, RADIUS, TACACS+

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



Ordering information

Product type	HPE Aruba Networking SKU	Description
SD-WAN Gateways		
	JM962A	HPE Aruba Networking EC-XS SD-WAN Gateway
	JM994A	HPE Aruba Networking EC-XS-NFR SD-WAN Gateway
	S3N70A	HPE Aruba Networking EC XS NAL SD-WAN Gateway
Accessories		
	JM995A	HPE Aruba Networking EC-XS Power Adapter
	JM996A	HPE Aruba Networking EC-XS A1 Power Adapter

Note: The regulatory model number for EC-XS with Part Number 201571 is FWA-ASP1012.

Note: The regulatory model number for EC-XS with Part Number 201694 is NCA-1513A-SV1.

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