

HPE Aruba Networking EdgeConnect SD-WAN S-P



Product overview

The HPE Aruba Networking EdgeConnect EC-S-P is a 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 datapath, 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 the EdgeConnect Enterprise EC-S-P include compact size, quiet operations, flexible mounting options, 8 x RJ45 10/100/1000 Mbps ports plus 4 x 1/10 Gbps SFP+ ports (pluggable), and high availability through optional dual redundant power supply and built-in storage redundancy, making it an ideal appliance for large branch and remote office environments with typical WAN bandwidth from 10 Mbps to 3 Gbps.

Technical specifications

Capacity

WAN bandwidth capacity (all features + encryption) 10 to 3000 Mbps

Simultaneous connections 256,000

Recommended WAN optimization up to 500 Mbps

Resiliency

Drives SSD — dual

Power supplies Single and dual redundant options. Both AC and DC.

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 177,726 hours (20 years)

Security

Disk encryption 128-bit AES

Network encryption IPsec (256-bit AES)

Connectivity

LAN/WAN Ethernet 8 x 10/100/1000 (4 LAN/4 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q
4 x 1/10 Gbps Ethernet SFP+ fiber data ports (2 LAN/2 WAN) as per IEEE 802.3z, 802.3ae, 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

AC requirement 100–240VAC/47–63 Hz/111W

AC power supplies Single or dual

DC requirement -48V/103W

DC power supplies Single or dual

Dimensions

Height 1.7 in (44 mm)

Width 17.2 in (438 mm)

Depth 16.5 in (420 mm)

Weight 18.14 lb (8.23 kg)

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



Technical specifications

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)
Management	
CLI	Full-featured CLI available over console port or SSH
UI/HTTPS	<p>HPE Aruba Networking EdgeConnect Operating System (ECOS) includes a web user interface and REST API which manages an individual appliance.</p> <p>HPE Aruba Networking EdgeConnect WAN Orchestrator provides centralized configuration, monitoring, and management of multiple EdgeConnect SD-WAN gateways. It also provides REST API and streaming notification service.</p>
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.

Note: For best performance, HPE Aruba Networking EdgeConnect WAN Operating System (ECOS) 9.1 or higher is recommended



Ordering information

Product type	Regulatory model number	HPE Aruba Networking SKU	Description
SD-WAN Gateways			
	FWA-ASP3050	JM538A	HPE Aruba Networking EC-S-P SD-WAN Gateway
	FWA-ASP3050	JM769A	HPE Aruba Networking EC-S-P-DC SD-WAN Gateway
	FWA-ASP3050	JM778A	HPE Aruba Networking EC-S-P-NFR SD-WAN Gateway
	FWA-ASP3050	JM770A	HPE Aruba Networking EC-S-P-DC-NFR SD-WAN Gateway
	FWA-ASP3050	S3N73A	HPE Aruba Networking EC S-P AC NAL SD-WAN Gateway
	FWA-ASP3050	S3N74A	HPE Aruba Networking EC S-P DC NAL SD-WAN Gateway
Accessories			
	FWA-ASP3050	JM779A	HPE Aruba Networking EC-S-P AC PSU
	FWA-ASP3050	JM780A	HPE Aruba Networking EC-S-P DC PSU
	FWA-ASP3050	JM781A	HPE Aruba Networking EC-S-P Sliding Rail

Supported transceivers are listed in the EdgeConnect Hardware Reference Guide

**Make the right purchase decision.
Contact our presales specialists.**



Contact us

Visit [ArubaNetworks.com](https://www.arubanetworks.com)

