

HPE Aruba Networking EdgeConnect SD-WAN S-P

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, and internet-based hybrid WAN data paths 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.

Capacity

WAN bandwidth capacity (all features + encryption)	10 to 3000 Mbps
Simultaneous connections	256,000
Resiliency	
Drives	SSD—dual
Power supplies	Single and dual redundant options
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 1/10Gbps 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
WAN optimization	
Recommended boost up to	500 Mbps

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
Out-of-path (router) mode	Attached to WAN router out-of-path with PBR re-direction, WCCP and VRRP

Power

AC requirement	100-240VAC/47-63Hz/300W
AC power supplies	Single or dual
DC requirement	-48V/-40V/-60V/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 lbs (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

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 to 90 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)

* For best performance, HPE Aruba Networking EdgeConnect SD-WAN Operating System (ECOS) 9.1 or higher is recommended

Management

CLI	Full-featured CLI available over DB-9 console port or SSH, REST API and Web UI
GUI	HPE Aruba Networking SD-WAN Orchestrator provides centralized configuration, monitoring and management of multiple HPE Aruba Networking EdgeConnect SD-WAN appliances
SNMP	SNMPv2c, SNMPv3
Secure access	SSH and HTTPS
Logging	Syslog with configurable levels. Email alerts
Authentication	Local database, RADIUS, TACACS+
Statistics	Graphing and monitoring, real-time and historical. NetFlow and IPFIX supported



Spec sheet

Product type	HPE Aruba Networking SKU	Description
Enterprise		
	JM538A	HPE Aruba Networking EC-S-P SD-WAN Gateway
	JM538A#ABA	HPE Aruba Networking EC-S-P SD-WAN Gateway US en
	JM538A#AC3	HPE Aruba Networking EC-S-P SD-WAN Gateway No Loc
	JM767A	HPE Aruba Networking EC-S-P-5Y SD-WAN Gateway
	JM767A#ABA	HPE Aruba Networking EC-S-P-5Y SD-WAN Gateway US en
	JM767A#AC3	HPE Aruba Networking EC-S-P-5Y SD-WAN Gateway No Loc
	JM769A	HPE Aruba Networking EC-S-P-DC SD-WAN Gateway
	JM769A#ABA	HPE Aruba Networking EC-S-P-DC SD-WAN Gateway US en
Service provider		
	JM782A	HPE Aruba Networking EC-S-P-SP SD-WAN Gateway
	JM782A#ABA	HPE Aruba Networking EC-S-P-SP SD-WAN Gateway US en
	JM782A#AC3	HPE Aruba Networking EC-S-P-SP SD-WAN Gateway No Loc
Accessories		
	JM779A	HPE Aruba Networking EC-S-P AC PSU
	JM779A#ABA	HPE Aruba Networking EC-S-P AC PSU US en
	JM779A#AC3	HPE Aruba Networking EC-S-P AC PSU No Loc
	JM780A	HPE Aruba Networking EC-S-P DC PSU
	JM781A	HPE Aruba Networking EC-S-P Sliding Rail

Make the right purchase decision.
Contact our presales specialists.



Contact us

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

