

SPEC SHEET

ARUBA EDGECONNECT SD-WAN XS

The Aruba 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 and internet-based hybrid WAN data paths and a control plane that is automated and secured by the Aruba WAN Orchestrator centralized management software providing policy-based virtual network segmentation and acceleration of on-premise and SaaS cloud applications. Key features of the Aruba



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).

Capacity	
WAN bandwidth capacity (all features + encryption)	2 to 1000 Mbps (bidirectional)
Simultaneous connections	256,000
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



WAN Optimization	
Recommended Boost up to	250 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	
Requirement	100-240VAC / 50-60Hz / 34W / 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)
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 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)
Altitude (storage)	Up to 40,000 ft (12,192 m)
Management	
CLI	Full-featured CLI available over console port or SSH, REST API and Web UI
GUI	Aruba WAN Orchestrator provides centralized configuration, monitoring and management of multiple Aruba 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.



ORDERING INFORMATION

Product Type	Aruba SKU	Description
Enterprise		
	JM962A	Aruba EC-XS SD-WAN Gateway
	JM962A#ABA	Aruba EC-XS SD-WAN Gateway US en
	JM962A#AC3	Aruba EC-XS SD-WAN Gateway No Loc
	JM963A	Aruba EC-XS-5Y SD-WAN Gateway
	JM963A#ABA	Aruba EC-XS-5Y SD-WAN Gateway US en
	JM963A#AC3	Aruba EC-XS-5Y SD-WAN Gateway No Loc
	JM966A	Aruba EC-XS-FIPS SD-WAN Gateway
	JM966A#ABA	Aruba EC-XS-FIPS SD-WAN Gateway US en
	JM966A#AC3	Aruba EC-XS-FIPS SD-WAN Gateway No Loc
	JM994A	Aruba EC-XS-NFR SD-WAN Gateway
	JM994A#ABA	Aruba EC-XS-NFR SD-WAN Gateway US en
	JM994A#AC3	Aruba EC-XS-NFR SD-WAN Gateway No Loc
Service Provider		
	JM998A	Aruba EC-XS-SP SD-WAN Gateway
	JM998A#ABA	Aruba EC-XS-SP SD-WAN Gateway US en
	JM998A#AC3	Aruba EC-XS-SP SD-WAN Gateway No Loc
Accessories		
	JM995A	Aruba EC-XS Power Adapter Includes power adapter, mounting ears, Ethernet cables, serial cable, mounting screws/nuts, 3 prong C13 US power cord.
	JM996A	Aruba EC-XS A1 Power Adapter
	JM997A	Aruba EC-XS 5 Pack Packaging Kit