

SPEC SHEET

ARUBA EDGECONNECT SD-WAN US

The Aruba EdgeConnect SD-WAN Ultra Small (US) is an ultra-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 transport services 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. A key feature of Aruba EdgeConnect SD-WAN US is silent, fanless operation, making it an ideal platform for small branch and home office environments with typical WAN bandwidth up to 200 Mbps (bidirectional).

Capacity	
WAN bandwidth capacity (all features + encryption)	Up to 200 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	Non-ECC memory
MTBF	148,820 hours (17.0 years)
Security	
Disk encryption	128-bit AES
Network encryption	IPsec (256-bit AES)
Connectivity	
LAN/WAN ethernet	3 x 10/100/1000 LAN/WAN (1 LAN/2 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q
Management	Console port
WAN Optimization	
Recommended Boost up to	25 Mbps
Deployment	
In-line router mode	In-line as next-hop gateway at site perimeter, connected to a broadband internet modem for zero touch provisioning, with WAN hardening or zone-based stateful firewall

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



Power	
Requirement	100-240VAC / 50-60Hz / 8.7 W / 29.7 BTU
Power supplies	Single adapter
Dimensions	
Height	0.8 in (19.4 mm)
Width	4.9 in (124.3 mm)
Depth	4.7 in (119.7 mm)
Weight	1.1 lbs (0.5 kg)
Regulatory	
EMC	FCC Part 15 Class B, EN 55022 Class B, VCCI Class B, EN 61000-4-2 to 4-6/4-8/4-11, 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 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		
	JM799A	Aruba EC-US 3x RJ45 10/100/1000 SD-WAN Gateway
	JM799A#ABA	Aruba EC-US 3x RJ45 10/100/1000 SD-WAN Gateway US en
	JM799A#AC3	Aruba EC-US 3x RJ45 10/100/1000 SD-WAN Gateway No Loc
	JM800A	Aruba EC-US-5Y SD-WAN Gateway
	JM800A#ABA	Aruba EC-US-5Y SD-WAN Gateway US en
	JM800A#AC3	Aruba EC-US-5Y SD-WAN Gateway No Loc
	JM813A	Aruba EC-US-NFR SD-WAN Gateway
	JM813A#ABA	Aruba EC-US-NFR SD-WAN Gateway US en
	JM813A#AC3	Aruba EC-US-NFR SD-WAN Gateway No Loc
Service Provider		
	JM816A	Aruba EC-US-SP SD-WAN Gateway
	JM816A#ABA	Aruba EC-US-SP SD-WAN Gateway US en
	JM816A#AC3	Aruba EC-US-SP SD-WAN Gateway No Loc
Accessories		
	JM801A	Aruba EC-US-AKIT Accessory Kit Includes power adapter, mounting ears, Ethernet cables, serial cable, mounting screws/nuts, power adapter, 3 prong C13 US power cord
	JM814A	Aruba EC-US Power Adapter
	JM815A	Aruba EC-US A1 Power Adapter

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