

SPEC SHEET

ARUBA EDGECONNECT EG-XL-H

The Aruba EdgeConnect EG-XL-H is a 1 U rack-mountable platform that serves to build an SD-WAN fabric using zero touch provisioning. It supports MPLS, 4G/LTE/5G and internet-based hybrid WAN transport services and a control plane that is automated and secured by the Aruba Orchestrator centralized management software, providing policy-based virtual network segmentation and acceleration of on-premises and SaaS cloud applications.

Key features of Aruba EdgeConnect EG-XL-H include high-availability through power supply and storage redundancy, high performance PCIe-based flash network memory for application acceleration, and up to six (6) ports supporting 1/10Gbps SFP+ or 10/25Gbps SFP28 pluggable transceivers, making it an ideal platform for Data Center and large hub environments with typical WAN bandwidth from 2 to 10 Gbps.

Capacity	
WAN bandwidth capacity (all features + encryption)	2 to 10 Gbps (bidirectional)
Simultaneous connections	2,000,000
Resiliency	
Power supplies	Dual redundant
Network	6 ports supporting any combination of WAN and LAN including support for up to 64 802.1q VLANs. WAN link redundancy supported via business intent overlays with multiple link bonding options. LAN-side protection includes VRRP and BGP. Multiple IPSLA options included.
Storage	ECOS: 960GB SSD, Network Memory (-NM): 3.2TB NVMe
Routing	BGP and OSPF supported
MTBF	Greater than 10 years
Security	
Disk encryption	128-bit AES
Network encryption (data plane)	IPsec (256-bit AES)
Network encryption (management plane)	TLS 1.2
Connectivity	
LAN/WAN ethernet	6 x 1/10Gbps SFP+ or 10/25Gbps SFP28 transceiver cages as per IEEE 802.3z, 802.3ae, 802.1Q, 802.3by, 802.3cc
Management	2 x 10/100/1000; Console port
Power	
AC Requirement	435W / 1484 BTU
Power Adapter	1+1 Redundant, AC
Dimensions	
Height	1.69 in (42.9 mm) / 1U
Width	17.11 in (434.6 mm)
Depth	27.83 in (706.9 mm)
Weight	33.5 lbs (15.2 kg)
Regulatory	
EMC	FCC Part 15 Class A, CISPR 22/23, EN 55032 Class A, EN 55024, VCCI Class A, IEC 61000-3-2 / 3-3, EN 61000-3-2 / 3-3
Safety	UL 60950-1, IEC 60950-1, IEC 62368

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



Environmental	
Temperature (operating)	10° C to 35° C (50° to 95° F)
Temperature (storage)	-40° C to 65° C (-40° to 149° F)
Humidity (operating)	10 to 80 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
GUI	Aruba EdgeConnect Operating System (ECOS) includes a Web User Interface which manages an individual appliance. Aruba Orchestrator provides centralized configuration, monitoring and management of multiple Aruba EdgeConnect appliances.
API	REST API at appliance level. Aruba Orchestrator provides REST API for systems integration.
SNMP	SNMPv2c, SNMPv3
Secure access	SSH and HTTPS (WebUI)
Logging	Syslog with configurable levels
Authentication	Local database, RADIUS, TACACS+
Statistics	Graphing and monitoring, real-time and historical. NetFlow and IPFIX supported

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