

SPEC SHEET

ARUBA EDGECONNECT XL

The Aruba EdgeConnect Extra Large (XL) is a 1U rack-mountable platform 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 Orchestrator management software to provide policy-based virtual network segmentation and acceleration of on-premise and SaaS cloud applications. Key features of the Aruba EdgeConnect XL include high availability through

power supply and storage redundancy, available/optional high performance PCIe-based flash network memory for application acceleration, and up to six (6) ports supporting 1/10 Gbps SFP+ or 10/25 Gbps SFP28 pluggable transceivers, making it an ideal platform for data center and large hub environments with typical WAN bandwidth from 2 to 10 Gbps. Models with additional network memory, as indicated by the suffix “-NM,” are recommended for applications employing the Aruba Boost WAN Optimization performance pack.

Capacity	
WAN bandwidth capacity (all features + encryption)	2 to 10 Gbps
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.
RAM	OS: 960GB SSD, Network Memory (-NM): 3.2TB NVMe
MTBF	143,000 hours (16.3 years) (XL) 125,000 hours (14.3 years) (XL-NM)
Security	
Disk encryption	128-bit AES
Network encryption	IPsec (256-bit AES)
Connectivity	
LAN/WAN ethernet	EC-XL-B/EC-XL-B-NM: 4 x 1/10 Gbps fiber LAN/WAN ports as per IEEE 802.3z, 802.3ae, 802.1Q; fail-to-glass (bypass) EC-XL-P/EC-XL-P-NM: 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



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
In-line bridge mode	In-line between L2 switch and WAN router with fail-to-wire/fail-to-glass, with WAN hardening or zone-based stateful firewall
Out-of-path (router) mode	Attached to WAN router out-of-path with PBR redirection, WCCP, and VRRP
Power	
Requirement	401 W / 1368 BTU (L) 440 W / 1501 BTU (L-NM)
Power supplies	1+1 Redundant
Dimensions	
Height	1.69 in (42.8 mm) / 1U
Width	17.34 in (440.5 mm) or less
Depth	31.3 in (795 mm) or less
Weight	37.0 lbs (16.8 kg) or less
Regulatory	
EMC	FCC Part 15 Class A, EN 55022 Class A, VCCI Class A, EN 61000-3-2/3-3, EN 55024
Safety	UL/cUL/60950, EN 60950
Environmental	
Temperature (operating)	10° C to 35° C (50° F to 95° F)
Temperature (storage)	-40° C to 65° C (-40° F to 149° F)
Humidity (operating)	10% to 80% relative humidity, non-condensing
Humidity (storage)	8% to 95% 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 DB-9 console port or SSH
GUI	Aruba Orchestrator provides centralized configuration, monitoring and management of multiple Aruba EdgeConnect 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