

SPEC SHEET

# ARUBA EDGECONNECT L

The Aruba EdgeConnect Large (L) is a 1U rack-mountable 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 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 L include high availability through power

supply and storage redundancy, solid state drive-based network memory (all the appliances use SSDs) for application acceleration, and dual 1/10 Gbps Short Reach (SR) or Long Reach (LR) fiber optical ports, making it an ideal appliance for data center and large hub environments with typical WAN bandwidth from 1 to 5 Gbps. Models with additional network memory, as indicated by the suffix “-NM,” are recommended for applications employing the optional Aruba Boost WAN Optimization performance pack.

Capacity	
WAN bandwidth capacity (all features + encryption)	1 to 5 Gbps
Simultaneous connections	2,000,000
Resiliency	
Power supplies	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	118,000 hours (13.5 years) (L) 105,000 hours (12 years) (L-NM)
Security	
Disk encryption	128-bit AES
Network encryption	IPsec (256-bit AES)
Connectivity	
LAN/WAN ethernet	EC-L-B/EC-L-B-NM: 4 x 10/100/1000 LAN/WAN ports as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q plus 2 x 1/10 Gbps fiber LAN/WAN ports as per IEEE 802.3z, 802.3ae, 802.1Q; fail-to-glass (bypass) EC-L-P/EC-L-P-NM: 4 x 10/100/1000 LAN/WAN ports as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q plus 2 x SFP+ transceiver cages as per IEEE 802.3z, 802.3ae, 802.1Q
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, REST API and Web UI
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.