ARUBA EDGECONNECT EC-M-H

The Aruba EdgeConnect EC-M-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 EC-M-H include high-availability through power supply and storage redundancy, 8 x 1GbE RJ45 ports along with 4 x 1/10Gbps Short Reach (SR) or Long Reach (LR) fiber optical ports, making it an ideal platform for Data Center and large hub environments with typical WAN bandwidth from 50Mbps to 5 Gbps.

Capacity	
WAN bandwidth capacity (all features + encryption)	50 Mbps to 5 Gbps (bidirectional)
Simultaneous connections	2,000,000

Resiliency	
Power supplies	Dual redundant
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.
Storage	960GB SSD
Routing	BGP and OSPF supported
MTBF	15.0 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	8 x 10/100/1000 (4 LAN/4 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q and 4 x 1/10Gbps SFP+ optical interfaces that can support pluggable optics
Management	2 x 10/100/1000; Console port

Power	
AC Requirement	153W / 522 BTU
Power Adapter	1+1 Redundant

Dimensions	
Height	1.69 in (42.9 mm) / 1U
Width	17.2 in (436.9 mm)
Depth	16.5 in (419.1 mm)
Weight	18.1 lbs (8.2 kg)

Regulatory	
EMC	FCC Part 15 Class A, EN 55024/55032/55035 Class A, VCCI Class A, EN 61000-3-2/3-3
Safety	UL/CB 60950-1 / 62368-1, EN 60950 / 62368

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

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)	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 (Web UI)
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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