

**SPEC SHEET**

# ARUBA EDGECONNECT SD-WAN 10104

The Aruba EdgeConnect SD-WAN 10104 is a small form factor, thin edge SD-WAN 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 10104 is silent, fanless operation, making it an ideal platform for small branch and home office environments with typical WAN bandwidth from 1 to 500 Mbps (bidirectional).

<b>Capacity</b>	
WAN bandwidth capacity (all features + encryption)	Up to 500 Mbps (bidirectional)
Simultaneous connections	256,000
<b>Resiliency</b>	
Drives	Single
Power supplies	Single
Network	4 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.
Routing	BGP and OSPF support
RAM	ECC memory
MTBF	63 years
<b>Security</b>	
Disk encryption	128-bit AES
Network encryption	IPsec (256-bit AES)
<b>Connectivity</b>	
LAN/WAN ethernet	4 x 10/100/1000 LAN/WAN (2 LAN/2 WAN) as per IEEE 802.3i, 802.3u, 802.3ab, 802.1Q
Management	Console port (RJ45, microUSB)
USB	1 x USB 3.0
<b>WAN Optimization</b>	
Recommended Boost up to	200 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
Power	
AC Requirement	100-240VAC / 50-60Hz / 48 W / 163.78 BTU
Power supplies	Single adapter
Dimensions	
Height	1.50 in (38.2 mm)
Width	7.81 in (198.5 mm)
Depth	6.03 in (153.1 mm)
Weight	2.52 lbs (1.14 kg)
Regulatory	
EMC	47 CFR FCC Part15B/ICES-003 Issue 7 Class B, EN 55032 Class B, EN55035, IEC/N61000-3-2/3-3, VCCI Class B, CISPR 32 Class B, CISPR 35, EN 300 386 V2.1.1
Safety	IEC/EN 60950-1:2005 w/all known National Deviations, IEC/EN 62368-1(2 <sup>nd</sup> and 3 <sup>rd</sup> Ed) w/all known National Deviations, UL 62368-1 3 <sup>rd</sup> Ed, CSA C22.2 No. 62368-1:19 3 <sup>rd</sup> Ed
Environmental	
Temperature (operating)	0° C to 40° C (32° to 104° F)
Temperature (storage)	-40° C to 70° C (-40° to 158° F)
Humidity (operating)	10 to 90 percent relative humidity, non-condensing
Humidity (storage)	10 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 EdgeConnect SD-WAN Operating System (ECOS) includes a Web User Interface which manages an individual appliance. Aruba WAN Orchestrator provides centralized configuration, monitoring and management of multiple Aruba EdgeConnect SD-WAN appliances
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



## ORDERING INFORMATION

Product Type	Aruba SKU	Description
<b>SD-WAN Gateways</b>		
	R9D72A	Aruba EC-10104 SD-WAN Gateway
<b>Accessories</b>		
	R9Y08A	Aruba EC-10104 Accessory Kit
	R9Y46A	Aruba EC-10104 Power Adapter
	R9H42A	Aruba EC-10104 Rack Mount Kit