



HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway

Product overview

The HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway (EC-10106) provides high performance networking and secure SD-WAN capabilities in a compact and cost-effective form factor, ideally suited for small branch and remote office environments. It supports MPLS, 4G/5G/LTE and internet-based hybrid WAN transport services, and a control plane that is automated and secured by the HPE Aruba Networking SD-WAN Orchestrator centralized management software. SD-WAN Orchestrator enables policy-based virtual network segmentation and acceleration of on-premises and SaaS cloud applications.

Key features of EC-10106 includes support for 1G/10G fiber connectivity, flexible combo ports, and integrated Power over Ethernet (PoE) support for devices up to 60W.

Table 1. Technical specifications

HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway	
Capacity	
WAN bandwidth	2 to 1000 Mbps (bidirectional)
Simultaneous connections	256,000
Recommended WAN Optimization up to	350 Mbps
IDS/IPS capacity (Performant mode) up to	1000 Mbps
IDS/IPS capacity (Inline mode) up to	750 Mbps
Hardware	
Drives	Single 120 GB SSD
Power supplies	Single adapter
Network	Six ports supporting any combination of WAN and LAN including support for up to 64 802.1q VLANs. WAN link redundancy supported through 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	16 GB ECC memory
MTBF	125,075 hours
Security	
Disk encryption	AES-128
Network encryption	IPSec (AES-256)
Connectivity	
LAN/WAN Ethernet	2x 10M/100M/1000M RJ45 ports with PoE Support 2x combo ports (RJ45 or SFP) 2x 1G/10G SFP+* ports
Management	2x 10M/100M/1000M RJ45 ports; console port (1x RJ45 and 1x USB-C)
USB	1x USB 3.0 Type A
Deployment	
In-line router mode	In-line as next-hop gateway at site perimeter, connected to the internet for zero touch provisioning, with WAN hardening or zone-based stateful firewall

Table 1. Technical specifications (continued)

HPE Aruba Networking EdgeConnect 10106 SD-WAN Gateway	
Power	
AC requirement	Input: 100–240 VAC / 50–60 Hz Power consumption: 165W / 563 BTU
Power supply	Single adapter
Dimensions	
Height	1.72 inch (43.7 mm)
Width	11.61 inch (294.8 mm)
Depth	7.92 inch (201.05 mm)
Weight	5.08 lbs (2.305 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 V2.2.1
Safety	IEC/EN 60950-1:2005 IEC/EN 62368-1(2nd and 3rd Ed) UL 62368-1 3rd Ed, CSA C22.2 No. 62368-1:19 3rd Ed.
Environmental	
Temperature (operating)	0°C to 40°C (32°F to 104°F)
Temperature (storage)	–40°C to 70°C (–40°F to 158°F)
Humidity (operating)	10% to 90% relative humidity, noncondensing
Humidity (storage)	10% to 95% relative humidity, noncondensing
Management	
CLI	Full-featured CLI available over console port or SSH
UI/HTTPS	HPE Aruba Networking EdgeConnect Operating System (ECOS) includes a web user interface and REST API which manages an individual appliance. HPE Aruba Networking EdgeConnect SD-WAN Orchestrator provides centralized configuration, monitoring, and management of multiple HPE Aruba Networking EdgeConnect SD-WAN Gateway. It also provides REST API and streaming notification service.
SNMP	SNMPv3
Secure access	SSH and HTTPS
Logging	Secure syslog with configurable levels; Email alerts
Authentication	Local database, RADIUS, TACACS+
Statistics	Graphing and monitoring, real time and historical; NetFlow and IPFIX supported.

Table 2. Ordering information

Product type	Regulatory model number	HPE Aruba Networking SKU	Description
SD-WAN gateways			
	SPEC-PRO6	S0E22A	HPE ANW EC 10106 SD-WAN GW
	SPEC-PRO6	S0E24A	HPE ANW EC 10106 NFR SD-WAN GW
	SPEC-PRO6	S3N71A	HPE ANW EC 10106 NAL SD-WAN GW
Accessories			
		S2D95A	HPE ANW EC 10106/10108 54V Power Adapter
		S2D96A	HPE ANW EC 10106/10108 Accessory Kit

* Supported transceivers are listed in the [HPE Aruba Networking EdgeConnect hardware reference guide](#)

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