Data sheet

# HPE Networking EdgeConnect EC10108 Gateway

# Product overview

HPE Networking EdgeConnect EC10108 Gateway 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. HPE Networking EdgeConnect EC10108 Gateway supports MPLS, 4G/5G/LTE, and internet-based hybrid WAN transport services and a control plane that is automated and secured by the HPE Networking EdgeConnect Orchestrator centralized management software. The HPE Networking EdgeConnect Orchestrator enables policy-based virtual network segmentation and acceleration of on-premises and SaaS cloud applications.

Key features of HPE Networking EdgeConnect EC10108 Gateway include support for 1G/10G Fiber connectivity, flexible combo ports, and integrated PoE support for devices up to 60W.

**Table 1.** Technical specifications

| Key features | |
|---|---|
| **Capacity** | |
| WAN bandwidth | 2 to 2000 Mbps (bidirectional) |
| Simultaneous connections | 256,000 |
| Recommended WAN optimization | Up to 500 Mbps |
| IDS/IPS capacity (Performant mode) | Up to 1500 Mbps |
| IDS/IPS capacity (Inline mode) | Up to 1000 Mbps |
| **Resiliency** | |
| Drives | Single 120 GB SSD |
| Network | 6 ports supporting any combination of WAN and LAN including support for up to 128 802.1q VLANs.<br>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 | 32GB ECC memory |
| MTBF | 125,452 hours |
| **Security** | |
| Disk encryption | AES-128 |
| Network encryption | IPSec (AES-256) |
| **Connectivity** | |
| LAN/WAN Ethernet | 2 x 10M/100M/1000M RJ45 ports with PoE support<br>2 x Combo ports (RJ45 or SFP)<br>2 x 1G/10G SFP+ Ports |
| Management | 2 x 10M/100M/1000M RJ45 ports; console port (1 x RJ45 and 1 x USB-C) |
| USB | 1 x 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)

| Key features | |
|---|---|
| **Power** | |
| AC requirement | 100-240VAC / 50-60Hz / 165W / 563.00 BTU |
| Power supply | Single external power 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 Part 15B/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<br>IEC/EN 62368-1 (2nd and 3rd Ed)<br>UL 62368-1 3rd Ed, CSA C22.2 No. 62368-1:19 3rd 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 |
| **Management** | |
| CLI | Full-featured CLI available over console port or SSH |
| UI/HTTPS | HPE Networking EdgeConnect Operating System includes a Web User Interface and REST API which manages an individual appliance. HPE Networking EdgeConnect Orchestrator provides centralized configuration, monitoring, and management of multiple HPE Networking EdgeConnect gateways. It also provides REST API and streaming notification service. |
| SNMP | SNMPv3 |
| Secure access | SSH and HTTPS. Supports PKI as per RFC 5280, RFC 6960 and RFC 7030 |
| Logging | Secure syslog with configurable levels |
| 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 SKU | Description |
|---|---|---|---|
| **SD-WAN gateways** | | | |
| | SPEC-PR08 | S0E23A | HPE Networking EdgeConnect EC10108 Gateway |
| | SPEC-PR08 | S0E25A | HPE Networking EdgeConnect EC10108 NFR Gateway |
| | SPEC-PR08 | S3N72A | HPE Networking EdgeConnect EC10108 NAL Gateway |
| **Accessories** | | | |
| | | S2D95A | HPE Networking EC EC10106/EC10108 54V Power Adapter |
| | | S2D96A | HPE Networking EC EC10106/EC10108 Accessory Kit |

**Note:** Supported transceivers are listed in the HPE Networking EdgeConnect Hardware Reference Guide

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