



# Unity EdgeConnect L

The Unity EdgeConnect™ L is a 1U rack-mountable platform that serves to build an SD-WAN fabric using Zero Touch Provisioning. It supports MPLS, 4G/LTE, and Internet-based hybrid WAN data paths and a control plane that is automated and secured by the Unity Orchestrator™ software to provide policy-based virtual network segmentation and acceleration of on-premise and SaaS cloud applications. Key features of the 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 platform 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 Unity 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  |
| Network  | 1+1 and N+1 with VRRP or WCCP   |
| RAM  | ECC memory  |
| MTBF   | 118,000 hours (13.5 years) (L)<br>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)<br>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 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 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 Adapter             | 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   |
| GUI                       | Unity Orchestrator provides centralized configuration, monitoring and management of multiple 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   |

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