

RUGGED HPE EDGELINE EL1000RS

Rugged System Built for Extreme Environments

The Rugged HPE Edgeline EL1000 Converged Edge System by Core Systems is an industry first, integrating unprecedented levels of edge compute, precision data capture and control, data center-class security, device and systems management, as well as large and blazingly fast storage capabilities – in one converged box. This rugged HPE unit delivers unprecedented Deep Edge Compute and storage.



**CUSTOM BUILT
RUGGED SYSTEM**

CONVERGED EDGE SYSTEM

- ▶ ALL-ALUMINUM CHASSIS
- ▶ HPE GEN10 TECHNOLOGY
- ▶ 4X USB PORTS
- ▶ MIL-SPEC TESTED
- ▶ BUILT IN THE USA



The rugged HPE Edgeline EL1000RS is designed to perform in harsher edge environments with higher shock, vibration and temperature levels. It is perfect for expanding your IoT infrastructure beyond traditional data center confines and can also help break cloud vendor lock-in to enable true edge computing. This is achieved through three points of convergence in one box.

For more info on the HPE EL1000RS, please visit www.core-systems.com

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THE EMBEDDED EDGE

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RUGGED HPE EDGELINE EL1000RS

TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 3.5 in (8.89 cm), Width - 13.86 in (35.20 cm), Depth - 9.17 in (23.29 cm) Weight - 17 lbs (7.71 kg)
I/O	Two 1 Gb (RJ45) Ethernet ports Four USB 3.0 ports HPE iLO4 enterprise-class management processor with a dedicated RJ45 network port
EXPANSION SLOTS	Option 1: Two full-height half-length (FHHL) PCIe x8 cards (physical x16 slot) of upto 50W each Option 2: Two PXI/PXIe modules (hybrid slot) Two internal Mini-PCIe slots with associated SIM sockets (optional kit)
EXTERNAL BAYS	Two 2.5" Small Form Factor (SFF) Hot-Plug disk bays Three to five Solid State Drive (SSD) slots on each compute node External storage via PCIe add-in I/O cards (e.g. FC SAN) iSCSI with RDMA over Ethernet (RoCE) capability
POWER SUPPLY	Typical: 100-150W, Maximum: 225W AC supply: 95-265 VAC input, 500 Watts DC supply: -48 VDC input, 800 Watts

ENVIRONMENTAL SPECIFICATIONS

OPERATIONAL TEMP.	MIL-STD-810F, Method 501.5 Procedures I/II; -15°C to +55°C
STORAGE TEMP.	MIL-STD-810F, Method 501.5, Procedures I/II; -55°C to +85°C
HUMIDITY	MIL-STD-810F, Method 507.4; 48 Hour, 95% RH 40-65C (with conformal coat option)
ALTITUDE	MIL-STD-810F, Method 500.4; 12,500ft operation with 40,000ft transport
VIBRATION	MIL-STD-810G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hz, 60min/axis
SHOCK	MIL-STD-810G, Method 516.6, Procedures I/V; 20g, 11msec - functional shock; 40g, 11msec crash hazard shock
OTHER	MIL-STD-461F CE & RE emissions (with 461 filter option)



ABOUT US

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 65,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Our wide range of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.