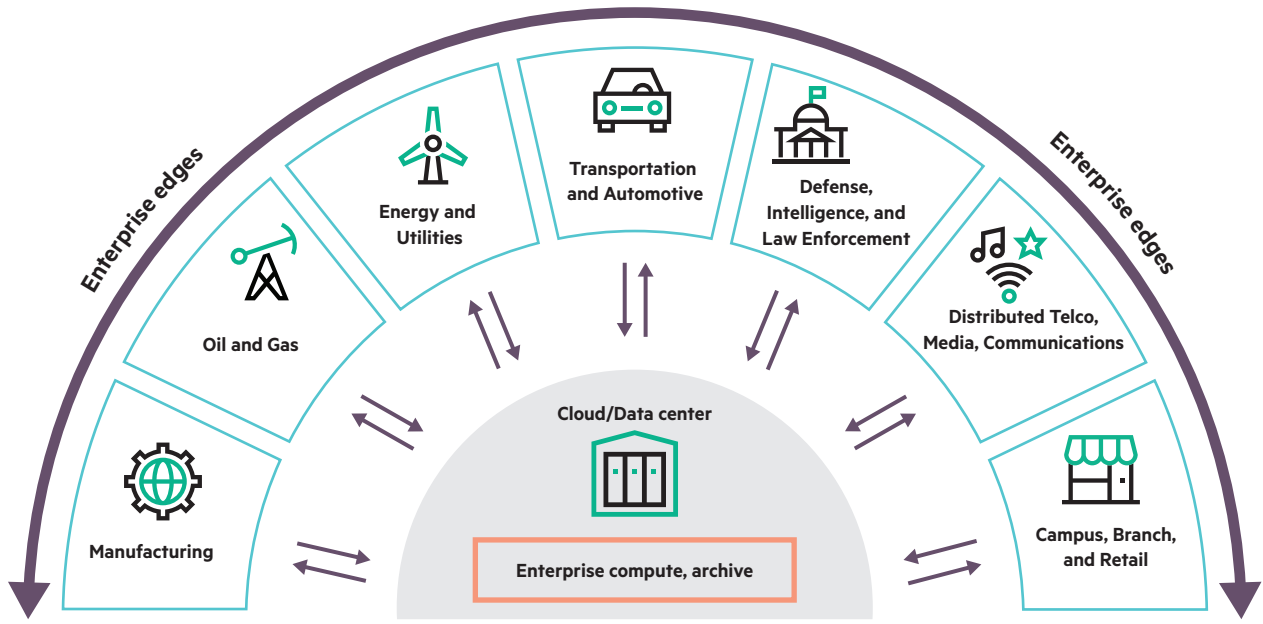




HPE Edgeline EL8000 Converged Edge Systems

Edge computing facilitates data processing at or near the source of data generation



A first-mover portfolio of systems and software designed expressly for the edge

Edgeline Promise of Value #1:
Open enterprise class IT at the edge



Edgeline Promise of Value #2:
Optimized Size, Weight, and Power (SWaP)
for Enterprise Workloads at the Edge

Unleash real-time processing at the edge

HPE Edgeline systems

Three points of convergence all in one box: Deep analytics/compute, Data acquisition/control, Enterprise management

1

Unprecedented edge compute

Deep compute, open standards

- Up to 112 Intel® Xeon® cores
- Hot plug compute options
- High performance accelerators
- Open, industry standards

Avoid cloud or appliance lock-in



HPE Edgeline EL8000

2

Unique integration of industry standard components

- Intel® Cascade Lake processors
- High speed memory and fabrics
- NVMe storage
- Accelerators from Intel and NVIDIA®
- PCIe expansion

3

Data center-class security, device & systems management

- Remote system health monitoring
- Firmware updates and management
- Ideal where remote IT staff is not available

HPE "Integrated Lights-Out" systems/Device Management

- Millions shipped
- Silicon root of trust for enterprise class security at the edge



HPE Edgeline Converged Edge Systems

Unprecedented performance to fully support edge and far edge deployments

- Ideal for high-performance video analytics and AI application workloads at the edge via an open x86 platform
- Edge optimized remote systems management with wireless capability based on Redfish industry standard
- Compact form factor: Short depth and half-width options
- Rugged, modular form factor for secure scalability and serviceability in edge and hostile environments, going above and beyond industry toughest standards (NEBS Level 3) and ASHRAE 3/4 compliant (including continuous operation specs of 32 degrees–130 degrees Fahrenheit).

Right-sized for the edge

HPE Edgeline EL8000 Converged Edge System



222 mm W x 220 mm H x 431 mm D
(8.7" W x 8.6" H x 16.9" D)



Standard toolbox



High performance edge platform

HPE Edgeline EL8000



- Four independent nodes
- Cluster-ready with embedded networks
- Field ready, 100% Hot Plug Modules
- Side-by-Side rackmount (5U)
- Wireless network bridging (Wi-Fi/LTE)

HPE ProLiant e910 Server Blade 1U



- Latest Xeon Scalable processors
- Up to 24 TB high speed ingest
- Up to 100 Gb networks
- World-class iLO 5 management and security
- Link capability for rapid industrial solutions

HPE ProLiant e910 Server Blade 2U



- Expanded PCIe device support
- Broad accelerator support for emerging Edge AI use cases (FPGA/GPU)

HPE Edgeline Converged Edge Systems power the Intelligent Edge



Accelerated analytics and AI

- Video analytics
- Other AI/ML/DL workloads



VM cluster

- VMware vSAN™ ready
- VDI



Private cloud

- OpenStack®
- VMware vCloud®
- Azure



Fly away kits

- Data center services in a box

Learn more at
hpe.com/info/edgeline

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