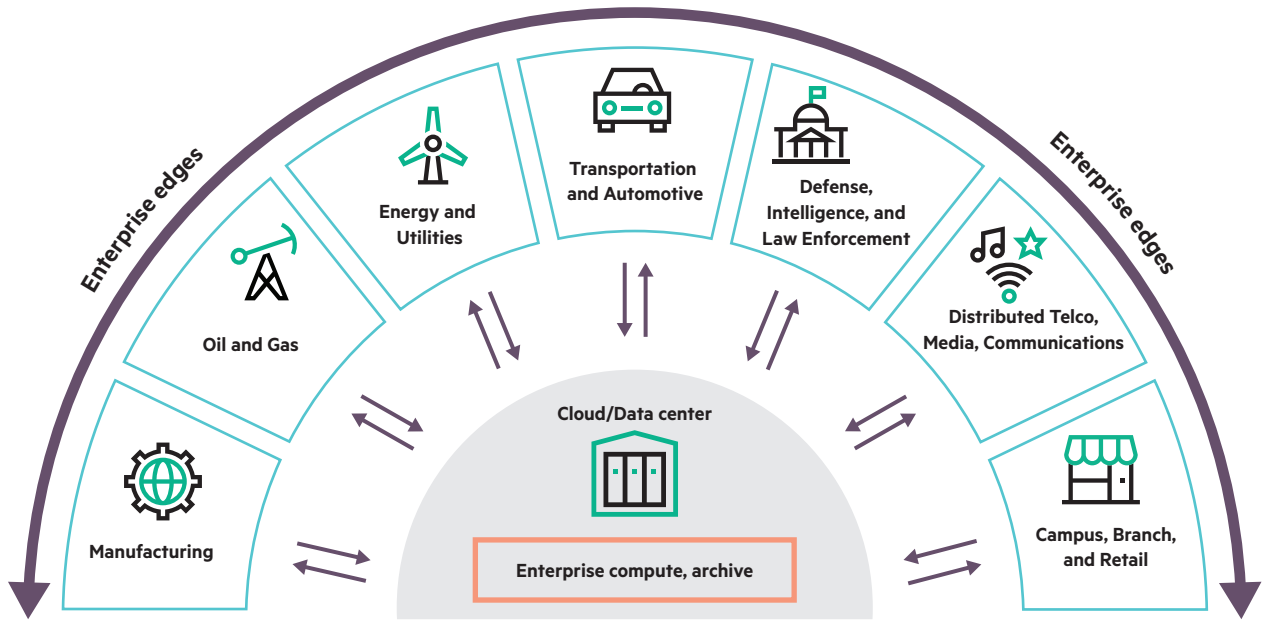




HPE Edgeline EL8000 Converged Edge Systems

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



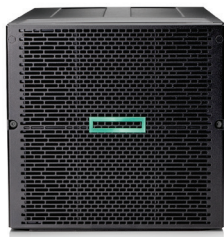
Standard toolbox



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

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

© Copyright 2019 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Intel and Intel Xeon are trademarks of Intel Corporation in the U.S. and other countries. The OpenStack Word Mark is either a registered trademark/service mark or trademark/service mark of the OpenStack Foundation, in the United States and other countries and is used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation or the OpenStack community. NVIDIA is a trademark and/or registered trademark of NVIDIA Corporation in the U.S. and other countries. VMware vCloud and VMware vSAN are registered trademarks or trademarks of VMware, Inc. in the United States and/or other jurisdictions. All other third-party marks are property of their respective owners.

a00066900ENW, April 2019