Hewlett Packard Enterprise

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Deliver desktops, apps, and data at the edge

HPE Edgeline and Moonshot solutions for remote and mobile workspace infrastructure

Mobile devices are changing the way we live and work. People now expect the same personalized and performant experiences both on the road and in the office. A new style of computing is required to meet these expectations.

Mobility—a must-have strategy

Give workers what they need
Enterprises implementing a solid mobility strategy and investing in new workspace technology have more productive and loyal employees.[1] The reverse is true for companies that fail to remain in lock-step with advancements in mobility technology and worker demands. These companies face excessive attrition due in large part to worker frustration caused by:

• Slow virtual desktop infrastructure (VDI)

• Unreliable access to systems and applications

• Inability to complete tasks in a timely fashion

The frustration doesn't end there. Today's enterprises face an entirely different set of problems:

• Boosting worker productivity, both in the office and from remote locations

• Managing and remotely maintaining various client devices operating on different software

• Reducing operational costs

• Meeting data privacy and compliance requirements

• Attracting young people who belong to the next-generation workforce

To help enterprises meet their diverse challenges, while also relieving worker frustration, HPE created the HPE Mobile

Workspace Solutions. Designed to handle intense graphics applications to satisfy the most demanding users, these all-in-one systems can run hosted or virtualized desktops and applications, regardless of location or type of end-user device—efficiently, reliably, and securely.

With HPE Mobile Workspace Solutions, you can expect to receive:

• Improved systems performance with the horse power of Intel® Xeon® processors and built-in Intel® Iris Pro GPUs, coupled with flash storage, for handling the most demanding workloads

• Best-in-class ergonomics by centralizing resources, deploying small form factor systems, and minimizing noise and heat emissions

• Enhanced business continuity by boosting workers' productivity anywhere, anytime, and on any device

Accelerating data insight and action across the enterprise

HPE Edgeline systems deliver high-performance desktops, applications, and data to remote locations in a small form factor that needs no data center cooling—making it the perfect system for small enterprises and branch offices. Proven to withstand harsh, hot, and dusty conditions, HPE Edgeline solutions are designed to not only meet workers' mobility needs, but also to satisfy business and IT operational challenges. With HPE Edgeline, enterprises benefit from:

• **An exceptional user experience.** Deliver powerful compute and graphics resources to end users with Intel Xeon technology and Intel Iris Pro embedded GPU.

Delivering secure mobile workspaces in the data center and at the edge
The HPE portfolio of offerings extends from the data center with HPE Moonshot to the edge of the network with HPE Edgeline—providing the same performance in smaller scale in enterprise branch offices and remote locations. Offering the simplicity and performance of a workstation, HPE Mobile Workspace Solutions go one step further by building in agility and mobility. The systems have been proven to not only increase space utilization by 30%,[2] but also to successfully untether workers from their desks.

[1] From a recent blog post from IDC at **blog-idcuk.com/the-workplace-has-dramatically-evolved-over-the-last-decade/**

[2] Based on actual customer deployment.

HPE Edgeline EL4000 Converged Edge System
Dense and scalable infrastructure that features up to 4 compute blades—HPE ProLiant m510 (Intel Xeon D—8 or 16 cores each) and/or HPE ProLiant m710x (Intel Xeon E3—4 core with embedded GPUs); the perfect infrastructure for running parallel applications.

HPE Moonshot MS1500 Chassis
A compact 4.3U chassis that hold us to 45 server cartridges and 180 server nodes—HPE ProLiant m510 (Intel Xeon D—8 or 16 cores each) and/or HPE ProLiant m710x (Intel Xeon E3—4 core with embedded GPUs) and/or HPE ProLiant m700p (AMD Opteron X2150 APUs with embedded GPUs).

HPE Edgeline Extended Storage Adapter
The HPE Edgeline Extended Storage Adapter option kit adds up to 4 TB per adapter of software-defined storage to HPE Edgeline Converged Edge Systems. This system enhancement enables storage-intensive use cases such as artificial intelligence, video analytics, or databases at the edge, while also leveraging industry-standard storage management tools such as Microsoft® Storage Spaces Direct, HPE StoreVirtual VSA, and VMware vSAN™.

To learn more about the latest addition to the HPE Edgeline product portfolio, please visit **hpe.com/info/edgeline**.
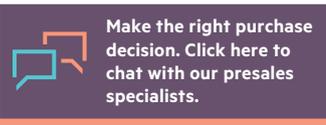
HPE Mobile Workspace solutions make a difference—See the solutions in action:
youtube.com/watch?v=ZPvroE5jtE8

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- **Lower bandwidth utilization and reduced latency.** Serve users directly in the branch or remote office avoids unnecessary and costly data transfers and improves potential latency issues.
- **Lower costs.** Drive down infrastructure and IT operational costs related to deployment and maintenance.
- **Enhanced security.** With fewer data transfers to and from the central data center, data remains at the edge, protected from security breaches.
- **Streamlined IT management.** Rather than spend time provisioning and updating different devices with different operating systems, IT teams can use HPE Integrated Lights Out (iLO 4) to manage the entire system—including maintenance, updates, and security patches—either on-site or remotely, without impacting end-user agility or imposing specific devices.
- **Data policy and compliancy.** With data being held locally, and not shipped across boundaries, enterprises can maintain compliance with local and enterprise standards of data usage and transfer.
- Increased worker loyalty and attracting a digitally native workforce.

Why HPE Edgeline systems for the remote workspace?

- **Purpose-built for the edge.** In addition to handling high shock and vibration levels, these rugged systems are designed to withstand environmental conditions from 0°C to 55°C during full operation.
- **Convergence.** Offering ultimate convergence of computing, networking, storage, and graphics resources, HPE Edgeline systems optimize efficiency in terms of space, energy, latency, cables, deployment time, and the time to build and manage.
- **Comprehensive services for the Intelligent Edge and IoT.** HPE Pointnext leverages broad and deep technical expertise and innovation to help accelerate digital transformation and support companies as they move to edge computing. A comprehensive portfolio of operational, advisory, and professional services helps enterprises evolve and grow today and into the future.
- **Industry-proven and application-optimized technology.** The systems are tested and integrated for optimal performance to provide uncompromised end-user experiences.[3]

HPE Edgeline mobility solution portfolio

Solutions	HPE components	Partner components
Trader workstation	HPE Edgeline EL1000 or EL4000 Converged Edge System with HPE ProLiant m710x Server Blades or HPE Moonshot MS1500 Chassis for data center deployments	Citrix® XenDesktop® HP Inc. thin clients
Engineering workstation	HPE Edgeline EL1000 or EL4000 Converged Edge System with HPE ProLiant m710x Server Blades or HPE Moonshot MS1500 Chassis for data center deployments	Citrix XenDesktop HP Inc. thin clients
Application delivery	HPE Edgeline EL4000 Converged Edge System with HPE ProLiant m710x Server Blades or HPE Moonshot MS1500 Chassis for data center deployments	Citrix XenApp Citrix XenDesktop HP Inc. thin clients
Virtualization/VDI	HPE Edgeline EL4000 Converged Edge System with ProLiant m510 or m710x Server Blades or HPE Moonshot MS1500 Chassis for data center deployments	Citrix VMware® HP Inc. thin clients

Learn more at
hpe.com/info/edgeline

HPE Moonshot and Edgeline Workspace Solutions