UNLEASH APPLICATIONS
HPE Small Business Solutions for Containers

Accelerate and simplify container adoption for enhanced portability and more predictable performance for applications and databases

Easily extend the agility and efficiency of containers to more applications—running on bare-metal or virtualized infrastructure, on-premises, in multiple clouds, or at the edge.

IMPROVE HARDWARE ROI WITH SPEED, CHOICE, AND OPTIMIZATION

Many small to midsize businesses (SMBs) use virtualization to consolidate workloads and do more with less. Containers are the next step in the evolution of virtualization.

While similar to virtual machines (VMs), which virtualize the hardware, containers virtualize the operating system (OS). They are lightweight, stand-alone, executable software packages that include everything needed to run an application: the code, runtime, system tools, system libraries, and settings. Because of this, they run predictably—on-premises or on any cloud—regardless of the underlying infrastructure, for superior portability.

They also offer extremely fast startup and shutdown times compared to VMs, for more efficient and predictable performance.

Containers are driving the adoption of cloud-native microservices architectures, to speed up application development and innovation for business of all sizes, and SMBs are no exception.

HPE Small Business Solutions for Containers are designed to help you adopt and expand containerization, so you can enjoy the benefits of enhanced portability and more predictable performance for applications and databases. They come with purpose-built hardware along with expert guidance for deploying your solution.

Designed for SMBs using open-source Docker on right-sized HPE ProLiant servers, HPE Small Business Solutions for Containers come in entry and high availability configurations, both based on HPE ProLiant Gen10 servers. The HPE Small Business Solutions Deployment Guide can help speed deployment of applications and databases.

HPE Pointnext Services
HPE Pointnext Services can help you simplify operations and easily extend and educate IT staff, helping them do more with less. A variety of offerings like HPE Foundation Care and HPE Education Services can help you reduce time spent on operational tasks while improving IT reliability—letting you focus on your business goals.
Consume IT with predictability
You need affordable access to superior tech, but in a way that preserves cash and enhances efficiency. HPE Financial Services makes it possible to consume IT with low monthly payments via flexible subscription options.

Easily evolve to hybrid cloud
Containers lend themselves to a hybrid cloud environment with microservices running seamlessly across on-premises hardware and private and public clouds. Plus, HPE Small Business Solutions can be easily extended to hybrid cloud for additional disaster recovery options with cloud services from Microsoft Azure or a managed service provider.

BENEFITS
• Enhanced productivity: Enables self-service for developers and streamlined deployment and management for a wide range of use cases including application modernization, database hosting, analytics, and DevOps.
• Reduced risk: Delivers enterprise-class security with consistent hardware performance.
• Reduced cost: Lowers total cost of ownership (TCO) with reduced admin overhead and better utilization via bare-metal containerization.
• Better ROI: Improves hardware utilization as containers share resources fluidly, increasing hardware return on investment (ROI).
• Greater flexibility: Provides a unified platform for cloud- and non-cloud-native applications.

BUILT ON A SOLID PLATFORM
HPE Small Business Solutions for Containers are a one-stop shop for ready-to-go solutions including hardware, software, services, and top-selling HPE ProLiant options. Plus, there are plenty of options for performance and scale-up add-ons to expand capabilities as your needs grow. They’re built on HPE ProLiant Gen10 servers, tested, optimized, and validated for on-premises and hybrid cloud use cases with Windows Server 2019 and Microsoft Azure Cloud Services. These solutions are designed to be low cost and make IT more accessible and easier to consume with monthly payment options.

HPE ProLiant Gen10 servers
Protect against attacks and quickly recover from downtime with built-in security features that make HPE ProLiant Gen10 the world’s most secure industry-standard servers. Automated intelligence reduces the time and skills required for deployment and management, including HPE Rapid Setup, a simple, guided installation utility that reduces setup time and the chance of errors.

Docker
Docker container technology was launched in 2013 as an open-source Docker Engine. Over the years, Docker has emerged as the open-source standard as a container engine and a fundamental building block for cloud-native architectures.

TAKE THE NEXT STEP
HPE Small Business Solutions for Containers improve hardware ROI with speed, choice, and optimization. To learn more, contact your HPE or authorized Partner representative.

LEARN MORE AT
hpe.com/info/smbsolutions

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a00101842ENW, July 2020