

HPE ProLiant for Microsoft Azure Stack

Deliver Azure-consistent services from your data center

Agile: Easy deployment of apps to Azure private and public cloud

- Consistent development environment for applications deployed to either on-premises Azure Stack or Azure public cloud
- Configurable solution allows you to meet application requirements by selecting processor, memory, and storage options

Enterprise quality: Co-engineered by Hewlett Packard Enterprise and Microsoft for rapid deployment and ease of management

- Host Azure-consistent services in your data center to meet security, data sovereignty, compliance, performance, and cost requirements
- Built on HPE ProLiant technologies for best-in-class value, performance, and alignment with data center technology standards
- Deliver on-premises services with enterprise-class reliability and performance running on an integrated solution

Simplify operations: Powerful infrastructure automation and lifecycle management

- Optional single vendor support for Azure and Azure Stack solution including remote management
- Global Hewlett Packard Enterprise, Microsoft, and channel partner expertise to help meet all your business requirements

Agility to easily deploy apps and meet business needs

Enterprises of all types and sizes are embracing hybrid cloud to increase agility and better meet the needs of the apps that fuel business growth. Today, IT decision-makers are making cloud their de facto destination for both new and existing apps and workloads, with many relying on Microsoft® Azure® to accelerate time-to-value.¹

To meet your application and business needs, you will need to simplify management, increase usability, and optimize economics on your Right Mix of both Azure public cloud and private cloud, as well as traditional IT. Leveraging both industry-leading innovation and the right expertise to help deploy your Azure hybrid cloud are critical to your success.

Fast, easy deployment and simplified management

HPE ProLiant for Microsoft Azure Stack is your pretested, factory-integrated **Azure hybrid cloud** solution, providing a consistent development, management, and security experience. Co-engineered by Hewlett Packard Enterprise and Microsoft, it delivers Azure-consistent, software-defined infrastructure as a service (IaaS) and platform as a service (PaaS) on HPE hardware for the benefits of public cloud in your data center. It allows you to run compatible Azure workloads on-premises to meet security, compliance, cost, and performance requirements. You can also build and run applications with on-premises resource requirements using Azure services and designs with the ability to utilize public cloud as appropriate.

The HPE ProLiant for Microsoft Azure Stack solution offers true solution-level flexibility. Certified firmware and Azure Stack software updates are validated and orchestrated to reduce disruption. In addition, Azure's common API allows you to develop and run each of your apps on the optimal cloud platform based on its needs and development phase, with a consistent portal experience. Paired with best-of-breed configuration flexibility and world-class support options, the HPE ProLiant for Microsoft Azure Stack offers an unmatched level of value.

Best-in-class Azure hybrid cloud for accelerated results

The solution offers an unmatched hybrid cloud portfolio with HPE solutions for Hybrid IT operations management and unified security across Azure, Azure Stack, and traditional IT. Flexible, pay-as-you-go pricing from Hewlett Packard Enterprise also helps you to align cost and demand.

Expert consulting and support services across Microsoft Azure, Azure Stack, and hybrid cloud accelerate time-to-value, reduce risk, and provide consistent outcomes for both applications and your business during your cloud journey.

¹ 451 Research Right Mix Survey, August 2015



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Technical specifications

Microsoft Azure Stack	Hybrid Cloud platform software for Azure-consistent, software-defined IaaS and PaaS	
Compute nodes	(4) HPE DL380 Gen9 12LFF CTO servers each with: <ul style="list-style-type: none"> (2) HPE DL380 Gen9 E5-26xxv4 processors (8, 16, or 24) HPE 2R4 PC4-2400T-R DIMMs* (4) SSD drives: HPE 960 GB or 1.92 TB SATA MU LFF SCC SSD (10) HDD drives: HPE 4 TB, 6 TB, or 8 TB 6G SATA 7.2K 3.5in 512e SC HDD (1) HPE Ethernet 10 Gb 2P 546FLR-SFP+ Adapter (1) HPE H840/4G Array Controller (1) HPE TPM Module 2.0 Kit (1) HPE OneView (1) HPE iLO Advanced 	Servers can be configured with a matching pair of: <ul style="list-style-type: none"> HPE DL380 Gen9 E5-2699v4 GHz 2.2 (22 cores) HPE DL380 Gen9 E5-2698v4 GHz 2.2 (20 cores) HPE DL380 Gen9 E5-2695v4 GHz 2.1 x (18 cores) HPE DL380 Gen9 E5-2683v4 GHz 2.1 x (16 cores) HPE DL380 Gen9 E5-2660v4 GHz 2.0 (14 cores) HPE DL380 Gen9 E5-2650v4 GHz 2.2 (12 cores) Memory choices are 256 GB, 384 GB, 512 GB, 768 GB cost-optimized, and a 768 GB high-performance option
Hardware lifecycle host	(1) HPE DL360 Gen9 8SFF CTO Server (2) HPE DL360 Gen9 E5-2620v4 Kit (4) HPE 16 GB 1Rx4 PC4-2400T-R Kit (4) HPE 600 GB 12G SAS 10K 2.5in SC ENT HDD	(1) HPE Ethernet 10 Gb 2P 546FLR-SFP+ Adapter (1) HPE TPM Module 2.0 Kit (1) HPE OneView (1) Microsoft Windows Server® 2016 (1) HPE iLO Advanced
Switches	(2) HPE 5900AF 48XG 4QSFP+ Switch (Workload) (1) HPE 5900AF 48G 4XG 2QSFP+ Switch (Management)	
Environment	HPE 642 mm, 1075 mm, or 1200 mm Shock Intelligent Rack with PDUs, cabling, hardware kits, and options	
Factory build/install	Factory build and services for Azure Stack including basic install and connection to customer network	
Support and Financial Services	HPE Global Support HPE Networks Support HPE Proactive Care Advanced Service HPE Foundation Care for Azure	HPE Datacenter Care for Azure (Specialist Advice, Hybrid Support, Operations Support Services) HPE GreenLake Flex Capacity (Access to scalable resources hosted in your own data center with pay-per-use monthly service fees)
Professional Services options	HPE Microsoft Azure Advisory Workshop and POC HPE Professional Services for Azure hybrid cloud (Networking, security, workload migration, hybrid identity, backup, and site recovery)	
Add-on Hybrid IT solutions	Micro Focus Operations Bridge (Analytics-driven, autonomous operations management across Azure Stack, Azure, and traditional IT)	

* High performance 768 GB option uses PC4-2400T-L DIMMs

Our solution partner



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hpe.com/cloud/azure-stack

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