

HPE ProLiant for Azure Local QuickSpecs

While the use of cloud architecture is growing fast within enterprises, not all workloads are suitable for public cloud.

Data sovereignty, privacy, intellectual property concerns, compliance, performance, and network latency make public cloud infeasible or impractical for certain workloads and applications. Private and hybrid cloud solutions can bridge this gap, but designing, deploying, and supporting them on your own can be complicated, risky, and expensive.

HPE ProLiant for Azure Local

Azure Local

Azure Local is a Microsoft Azure hybrid cloud offering allowing customers to operate infrastructure across distributed locations enabled by Azure Arc. Azure Local allows customers to run virtual machines (VMs), containers, and select Azure services with Azure Local on premises, in a manner consistent with the Azure cloud. As documented by [Microsoft](#), the following represent some of the features provided by Azure Local:

- Cloud-based operations - Use Azure tools and APIs for more consistent infrastructure provisioning and lifecycle operations across distributed locations.
- Central management and visibility - Monitor, update, and secure Azure Local infrastructure directly from the Azure portal using familiar Azure services.
- Support for diverse workloads - Run containers, VMs, and select Azure services—including Azure Virtual Desktop and Azure IoT Operations—side by side.
- Multiple-node clustering - Increase resilience and uptime with high availability and robust software-defined storage.
- Cloud-based VM management - Expand cloud practices with VM extensions, Azure Marketplace images, templates, and role-based access control (RBAC).
- Integrated Azure Kubernetes Service (AKS) experience - Simplify Kubernetes management and enhance developer productivity with built-in AKS.
- Cost-effective migration - Reduce costs by moving workloads from other on-premises virtualization platforms.
- Hardened security by default - Safeguard workloads with a stronger security posture and advanced capabilities like Trusted Launch and network segmentation.

Microsoft, with Azure Local, has been recognized as a leader in the 2024 Gartner® Magic Quadrant™ for Distributed Hybrid Infrastructure.

HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local

Powered by a dedicated virtualization OS platform consumed as an Azure cloud service, refreshed annually and combined with the rock solid HPE ProLiant platform, HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local offer the ease of an appliance-like solution experience including the security and efficiency of the HPE ProLiant platform, HPE offers multiple Premier Solutions and Integrated Systems for Azure Local. All HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local solutions include:

- Scaling from a single node in non-critical environments up to 16 in single node scaling increments.
- Configuration flexibility within the envelope of server options validated for Azure Local including CPU cores, memory capacity, storage capacity, and networking.
- Factory integration to guarantee hardware configuration consistency and operating system deployment and foundational configuration and provide faster time-to-value.
- On-site hardware installation and power-up included.
- Specialized support for Azure Local based on Tech Care Essentials., where the Azure Local aware support team has not only been trained on Azure Local but also has the ability to directly open support cases with Microsoft on behalf of HPE's Premier Solution and Integrated System Azure Local customers.
- Solution Builder Extensions providing HPE defined firmware, driver, and HPE software recipes in a package compliant with Microsoft's Azure Update Manager and Azure Local's onboard Update Service and used for the automated cluster aware deployment of HPE updates to the solution.

Overview

- Regular testing of the Azure Local software and Hewlett Packard Enterprise firmware and driver updates by HPE's Azure Local engineering team.
- Optional HPE Aruba Networking and HPE Networking Comware network switches compliant with Azure Local requirements.
- Optional OEM licensing to provide a perpetual license at a fixed cost, without subscription payments, for Azure Local per core fees and Windows Server 2025 guests, which can be acquired at the time of purchase (only).
- Optional onsite server configuration and Azure Local instance (cluster) deployment
- Optional network switch configuration services available as separate, optional add-on service elements.



X86 Servers
+
High-speed
storage and
networking
components

Base Concept - Front View

HPE and Microsoft partner to provide you with a seamless experience from initial configuration and deployment to cloud based management and the benefits of cloud services and an integrated support experience.

Standard Features

HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local

The HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local (P65984-B21) is designed for Enterprise, Edge, and Retail use cases and delivers the latest in performance, efficiency, reliability, serviceability and near continuous availability. The HPE ProLiant DL380 Gen11 Server when delivered as a Premier Solution for Azure Local offers a carefully curated choice of options for demanding virtualized and hybrid workloads requiring high levels of reliability with hardware, services, and support that seamlessly integrates into Microsoft's Azure public cloud. The current curated set of options are shown in the following table. For the latest available options, please see HPE One Config Advanced or the technical white paper available at <https://www.hpe.com/us/en/alliance/microsoft/azurestackhci.html>.

As a Premier Solution for Azure Local, customers can be confident that their solution is not only well tested by HPE but also the platform has been integrated into Microsoft's own continuous integration and continuous deployment lab environments to ensure the greatest level of reliability and availability. In addition, as a Premier Solution for Azure Local, customers can rest assured that the solution is designed to support any features that may be made exclusively available to Premier Solution customers.

Notes: HPE has elevated what was previously known as the HPE ProLiant DL380 Gen11 Server Integrated System for Azure Local to a Premier Solution for Azure Local. Customers that previously purchased the HPE ProLiant DL380 Gen11 Server Integrated System for Azure Local benefit from this elevation at no additional cost and with no action required.

Component	Options
Node count	1 – 16 nodes per Azure Local instance
Processors	2 Intel 4 th or 5 th generation Xeon processors per node with options in the following ranges: <ul style="list-style-type: none"> – Intel Xeon-Silver, Intel Xeon-Gold, or Intel Xeon-Platinum – 8 – 64 cores per processor – 1.7 – 3.9GHz per processor – 125 – 350W per processor
Memory	2 – 32 DIMMs (in pairs) for a max per node of 8192 GB with the following DIMM options: <ul style="list-style-type: none"> – 16 GB 1RX8 – 32 GB 2RX8 – 64 GB 2RX4 – 128 GB 4RX4 – 256 GB 8RX4
Boot device	1 NS204i-u Gen11 Hot Plug Boot Optimized Storage Device with 2x 480 GB M.2 NVMe SSDs
Storage	MR216i-o with: <ul style="list-style-type: none"> – 2 – 16 Mixed Use SSD drives – 960GB – 6.4 TB per drive – 102.4 TB max per node -or- Direct attached NVMe SSD with: <ul style="list-style-type: none"> – 2 – 16 Mixed Use or Read Intensive NVMe SSD drives

Standard Features

	<ul style="list-style-type: none"> – 800GB – 15.36 TB – 245.76 TB max per node
Network	1 – 3 Mellanox MCX6 2-port adapters: <ul style="list-style-type: none"> – 10/25 Gb SFP28 – -or- – 100 Gb QSFP56
Graphics Options	0 – 2 NVIDIA GPUs: <ul style="list-style-type: none"> – A16 64 GB – L4 24 GB – L40 48 GB -or- 0 – 1 NVIDIA GPUs: <ul style="list-style-type: none"> – L40S 48 GB
Power Supply	Any 2 of the following: <ul style="list-style-type: none"> – 1000W Flex Slot Titanium Hot Plug – 1600W Flex Slot Platinum Hot Plug – 1800W-2200W Flex Slot Titanium Hot Plug

Other options

The following additional options can be optionally ordered using the HPE One Config Advanced ordering tool:

- 50 different switch uplink transceivers
- 11 different server transceivers
- 11 different direct attach copper cables
- CAT6 STP cable

For more information on the HPE ProLiant DL380 Gen11 server, visit:

<https://www.hpe.com/psnow/doc/a50004307enw>

For the latest available options orderable with the HPE ProLiant Server for Azure Local solutions, please see the affiliated Wizard and Menus in HPE One Config Advanced.

Standard Features

HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local

The HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local (P78955-B21) is designed for Edge, Retail and Manufacturing use cases for demanding virtualized and hybrid workloads requiring environmental flexibility and acoustic configurability with hardware, services, and support that seamlessly integrates into Microsoft's Azure public cloud. The current curated set of options are shown in the following table. For the latest available options, please see HPE One Config Advanced or the technical white paper available at <https://www.hpe.com/us/en/alliance/microsoft/azurestackhci.html>.

Component	Options
Node count	1 – 16 nodes per Azure Local instance
Processors	1 AMD Sienna processor per node with options in the following ranges: <ul style="list-style-type: none"> – 8 – 64 cores per processor – 2.0 – 2.65GHz per processor – 90 – 200W per processor
Memory	1 – 6 DIMMs (in pairs) for a max per node of 768 GB with the following DIMM options: <ul style="list-style-type: none"> – 32 GB Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 – 64 GB Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8 – 96 GB Dual Rank x4 DDR5-4800 CAS-46-45-45 EC8 – 128 GB Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8
Boot device	1 NS204i-u Gen11 Hot Plug Boot Optimized Storage Device with 2x 480 GB M.2 NVMe SSDs
Storage	Direct attached NVMe SSD with: <ul style="list-style-type: none"> – 2 – 6 Mixed Use or Read Intensive NVMe SSD drives – 1.6 - 15.36TB E3S EC1 EDSFF – 92.16TB max per node
Network	0-1 of the following OCP3 adapters: <ul style="list-style-type: none"> – Broadcom BCM57412 10Gb 2-port SFP+ – Broadcom BCM57416 10Gb 2-port BASE-T – Broadcom BCM57414 10/25Gb 2-port SFP28 – Broadcom BCM57504 10/25Gb 4-port SFP28 – Mellanox MCX631432A-ADAI 10/25Gb 2-port SFP28 0 – 3 of any one of the following PCIe adapters: <ul style="list-style-type: none"> – Broadcom BCM57412 10Gb 2-port SFP+ – Broadcom BCM57416 10Gb 2-port BASE-T – Broadcom BCM57414 10/25Gb 2-port SFP28 – Broadcom BCM57504 10/25Gb 4-port SFP28 – Mellanox MCX631432A-ADAI 10/25Gb 2-port SFP28
Graphics Options	0 – 2 NVIDIA GPUs: <ul style="list-style-type: none"> – L4 24 GB -or- 0 – 1 NVIDIA GPUs: <ul style="list-style-type: none"> – L40S 48 GB

Standard Features

Component	Options
Power Supply	Any 2 of the following: <ul style="list-style-type: none"> - 700W Flex Slot Platinum Hot Plug Low Halogen - 900W - 1000W Flex Slot Titanium Hot Plug Low Halogen
Other options	The following additional options can be optionally ordered using the HPE One Config Advanced ordering tool: <ul style="list-style-type: none"> - HPE Bezel Lock Kit - HPE DL145 Gen11 FIO Bezel Filter Kit - HPE DL145 Gen11 RJ45 Serial Port Cable Kit - HPE DL145 Gen11 Desk/Wall Mount Kit - HPE DL145 Gen11 Rack Enable Kit - HPE Gen11 2U Cable Management Arm Kit - HPE Easy Install Rail 1 Kit - 18 different HPE C13 Power Cables - >30 different switch uplink transceivers - >5 different server transceivers - >5 different direct attach copper cables - CAT6 STP cables

For more information on the HPE ProLiant DL145 Gen11 server, visit: <https://www.hpe.com/psnow/doc/a50009217enw>
For the latest available options orderable with the HPE ProLiant Server for Azure Local solutions, please see the affiliated Wizard and Menus in HPE One Config Advanced.

Notes: Azure Local uses a Microsoft Windows Server technology known as Network ATC. This technology utilizes the concept of 'network intents' to define the usage of one or more network adapter ports and apply an appropriate configuration to those ports, according to Microsoft's best practices. If multiple ports (up to 8) are configured as part of the same network intent, and depending on the intent type, Network ATC may configure those ports in a team or set of bonded ports to increase potential throughput and resiliency for the affiliated traffic. Due to the variance that can exist between adapter manufactures and models, including feature differentials, Microsoft requires that any ports that are combined in a single network intent must be from the same make and model of network adapter. For example: Combining ports from a Broadcom and Mellanox adapter would not be permitted because they are from different manufactures and are a different model of network adapter. Combining ports from a Mellanox adapter in an OCP3 slot and from a Mellanox adapter in a PCIe slot would not be permitted because they are from a different model of network adapter.

Standard Features

Network Switches

Available HPE network switch options (TOR/Top-of-rack and management switches) include the following models grouped into two sets of matching HPE Aruba Networking and HPE Networking Comware switches that meet Azure Local switch capability requirements and certification process:

HPE Aruba Networking		
TOR Switch	Management Switch	TAA compliant
HPE Aruba Networking 8325 (10/25 or 100 GbE)	HPE Aruba Networking 6300M	X

HPE Networking Comware		
TOR Switch	Management Switch	TAA compliant
HPE Networking Comware 5945 (10/25 or 100 GbE)	HPE Networking Comware 5901AF	

Switch selections must offer a speed compatible with that of the Azure Local server network adapters chosen. Compatible SFPs, direct-attached cables, or CAT6 cables must be considered when ordering a solution.

Optional network switch configuration services are automatically attached when network switches are included in the order to help speed up your solution deployment and ensure your network infrastructure implementation complies with the Azure Local network requirements. Please see “Optional Services” below for details.

Notes: Both 10GbE and 100GbE TOR switch options are available for the HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local. However, only the 10GbE TOR switch option is available for the HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local.

Racks

For more information on HPE racks, visit: <https://www.hpe.com/psnow/doc/a00002907enw>

For the latest available options orderable with the HPE ProLiant for Azure Local solution, please see the affiliated Wizard and Menus in HPE One Config Advanced.

Optional Software License Bundle Exclusively for Premier Solutions and Integrated Systems for Azure Local:

Azure Local with Microsoft Windows Server 2025 OEM License

Available only at the time of purchase of HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local, the license bundle offers the following benefits:

- License: the two included software and service elements with a one-time license fee with no monthly subscription payments normally incurred for Azure Local and Windows Server guests running on the licensed node
 - Attractively priced, the bundle offers significant savings compounded over time compared to Microsoft’s published monthly Azure subscription payments for Azure Local and fixed or subscription-based licensing requirements for Windows Server guests over the entire active life of an Azure Local node

Standard Features

- The Azure Stack Local with Microsoft Windows Server 2025 license bundle is a CPU core-based license with the total number of physical processor cores in a server that need to be licensed (a minimum licensing requirement of 16 cores applies – similar to the licensing minimum of Windows Server)
- Flexibility: Can be rolled into an HPE Greenlake Flex Solutions consumption as-a-service contract if desired or purchased along with the node through a one-time payment
- Exclusive option for HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local
 - Addresses the per core licensing requirements for Azure Stack HCI OS, Microsoft’s premium virtualization OS that underpins Azure Local
 - The license bundle is an OEM type license and is thereby bound to the Azure Local node hardware it is purchased with and not transferrable to another server
 - The license is fully digital, so there are no product keys or any physical items required for the license to be functional. The invoice for the HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local showing that the bundle license has been purchased as an option along with the system serves as proof of purchase and license
 - The Azure Stack HCI OS is preloaded on the Premier Solutions and Integrated Systems for Azure Local servers and the Windows Server 2025 Datacenter images can be added using customer provide images or Azure Marketplace images [downloaded as needed from Azure](#) (as the Windows Server 2025 Datacenter Azure Edition image) used in combination with the [static Datacenter AVMA guest/client key](#) (<https://learn.microsoft.com/en-us/windows-server/get-started/automatic-vm-activation?tabs=server2025#avma-keys>). Please see the following link for details and steps to activate: <https://learn.microsoft.com/en-us/azure-stack/hci/manage/vm-activate?tabs=azure-portal>
 - Includes downgrade rights for use with Standard edition images and older versions of Windows Server

When building a configuration in OCA, an option exists (a check box) to include the license. When enabled, OCA will calculate the number of CPU cores in the configured solution and add the appropriate license SKUs and necessary quantities to the bill of materials. Relevant SKUs are as follows:

P84046-B21 Azure Local with Microsoft Windows Server 2025 16-core FIO Software for HPE OEM

P84047-B21 Azure Local with Microsoft Windows Server 2025 2-core Additional License FIO Software for HPE OEM

Notes: For customers that previously purchased an HPE ProLiant Server Premier Solutions or Integrated Systems for Azure Local with the Microsoft Azure Stack HCI + AKS with Microsoft Windows Server 2022 license bundle, a per server upgrade license is available using SKU: S6M48AAE. Original HPE ProLiant Server Premier Solutions or Integrated Systems for Azure Local order validation is required to purchase the upgrade license.

Installation and Deployment Services for Azure Local Solutions

Following physical delivery of the solution, the following on-site services are delivered to complete the deployment and integration of the solution into the environment:

- On-site installation and start-up
 - Installation of the solution rack into the datacenter if an HPE rack is selected.
 - Installation of servers and switches into a customer provided rack if an HPE rack is not selected.
 - Hardware check & visual acknowledgment that all hardware components have power.
 - Cabling check to confirm all components are properly connected.

Standard Features

Optional Services: HPE Land Zone for Microsoft Azure Local Remote SVC

H40LPA1: HPE Landing Zone for Microsoft Azure Local Service—Remote delivery

H40LNA1: HPE Landing Zone for Microsoft Azure Local Service—Onsite delivery*

* Sales to confirm with the delivery team for on-site availability in your region before selecting this SKU option.

Service Benefits

- Remote project management to manage all aspects of the services engagement.
- Assist the Customer in rapidly implementing HPE ProLiant for Azure Local solutions.
- Validate core functionality following the solution implementation.
- Provide basic solution-level knowledge transfer
- This service is automatically attached but can be removed if desired.

Service Feature Highlights

- Pre-deployment readiness tracking
- Windows Admin Center deployment and/or configuration
- Azure Local node server hardware configuration
- Azure Local operating system configuration
- Azure Local instance (cluster) creation
- Customer handoff

HPE Deployment Accelerator Service for Azure Local – data sheet:

<https://www.hpe.com/psnow/doc/a50008804ENW>

Optional Services: HPE Network Integration Service for Azure Local (on-site switch configuration service)

- Hewlett Packard Enterprise will work remotely with customer to coordinate the necessary activities, including identifying any service prerequisites, and schedule delivery of the service.
- As part of the network integration activities, HPE will perform the following tasks:
 - Evaluate and assist the customer with retrofit of network and uplink configuration on up to two customer-provided switches limited to the requirements of Azure Local and based on the target data center parameters as documented and mutually agreed to by HPE and the customer.
 - Update the optional/if included two top of rack and single management switch configurations limited to the requirements of Azure Local and based on the target data center parameters as documented and mutually agreed to by the customer and HPE
 - Update IP addresses for the solution's included devices (up to three switches, up to 16 HPE ProLiant Servers limited to the requirements of the Azure Local and based on the target data center parameters as documented and mutually agreed to by the customer and HPE

HPE Networking Services – Time Blocks and Unit of Service - data sheet:

<https://www.hpe.com/psnow/doc/a50012042enw>

Notes: Additional consulting services are available to cover requirements beyond those listed above. Contact your HPE seller for more information.

For additional information, please contact your HPE account team, HPE Services representative, partner account manager, or visit:

- HPE Factory Express: <https://www.hpe.com/info/factoryexpress>
- HPE Installation Service: <https://www.hpe.com/psnow/doc/5981-9356enw>

HPE Services Consulting Advisory Services for Azure Local: <https://www.hpe.com/services/consulting>

Service and Support

HPE Services

No matter where you are in your digital transformation journey, you can count on HPE Services to deliver the expertise you need when, where, and how you need it. From planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

<https://www.hpe.com/services>

Consulting Services

No matter where you are on your journey to hybrid cloud, experts can help you map out your next steps. From determining what workloads should live where, to handling governance and compliance, to managing costs, our experts can help you optimize your operations.

<https://www.hpe.com/services/consulting>

HPE Managed Services

HPE runs your IT operations, providing services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

[HPE Managed Services | HPE](#)

Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources. Meet service-level targets and business objectives with features designed to drive better business outcomes.

<https://www.hpe.com/services/operational>

HPE Complete Care Service

HPE Complete Care Service is a modular, edge-to-cloud IT environment service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals through a personalized experience. All delivered by an assigned team of HPE Services experts. HPE Complete Care Service provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/complecare>

Service and Support

HPE Tech Care Service

HPE Tech Care Service is the operational support service experience for HPE products. The service goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service delivers a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential, which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical, which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

HPE Lifecycle Services

HPE Lifecycle Services provide a variety of options to help maintain your HPE systems and solutions at all stages of the product lifecycle. A few popular examples include:

- Lifecycle Install and Startup Services: Various levels for physical installation and power on, remote access setup, installation and startup, and enhanced installation services with the operating system.
- HPE Firmware Update Analysis Service: Recommendations for firmware revision levels for selected HPE products, taking into account the relevant revision dependencies within your IT environment.
- HPE Firmware Update Implementation Service: Implementation of firmware updates for selected HPE server, storage, and solution products, taking into account the relevant revision dependencies within your IT environment.
- Implementation assistance services: Highly trained technical service specialists to assist you with a variety of activities, ranging from design, implementation, and platform deployment to consolidation, migration, project management, and onsite technical forums.
- HPE Service Credits: Access to prepaid services for flexibility to choose from a variety of specialized service activities, including assessments, performance maintenance reviews, firmware management, professional services, and operational best practices.

Notes: To review the list of Lifecycle Services available for your product go to:

<https://www.hpe.com/services/lifecycle>

For a list of the most frequently purchased services using service credits, see the [HPE Service Credits Menu](#)

Other Related Services from HPE Services:

HPE Education Services

Training and certification designed for IT and business professionals across all industries. Broad catalogue of course offerings to expand skills and proficiencies in topics ranging from cloud and cybersecurity to AI and DevOps. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

<https://www.hpe.com/services/training>

Service and Support

Defective Media Retention

An option available with HPE Complete Care Service and HPE Tech Care Service and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and services options.

Parts and Materials

HPE will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

How to Purchase Services

Services are sold by Hewlett Packard Enterprise and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
- Customers purchasing from a commercial reseller can find services at <https://ssc.hpe.com/portal/site/ssc/>

AI Powered and Digitally Enabled Support Experience

Achieve faster time to resolution with access to product-specific resources and expertise through a digital and data driven customer experience.

Sign into the HPE Support Center experience, featuring streamlined self-serve case creation and management capabilities with inline knowledge recommendations. You will also find personalized task alerts and powerful troubleshooting support through an intelligent virtual agent with seamless transition when needed to a live support agent.

<https://support.hpe.com/hpesc/public/home/signin>

Consume IT On Your Terms

[HPE GreenLake](#) edge-to-cloud platform brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake edge-to-cloud platform accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

To learn more about HPE Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE" <https://www.hpe.com/us/en/contact-hpe.html>

For more information: <http://www.hpe.com/services>

Configuration Information

How to Order HPE ProLiant Servers for Azure Local

Start by determining the workloads and services you plan to host on Azure Local. Your HPE account representative or channel partner can help guide you through the options regarding node count, node configuration, racking, services, and support to arrive at a solution tailored to the specific needs of your business.

Complete Solutions include:

- Two top-of-rack (TOR) switches and one management switch, either HPE Aruba Networking or HPE Networking Comware, or customer provided networking
- 1 - 16 configurable HPE ProLiant Gen 11 Servers
- Factory preloaded Azure Stack HCI OS
- One rack from multiple HPE racking options or a customer provide rack (with onsite racking services)
- On-site racking and power-on services for the ordered nodes included
- Optional perpetual OEM licensing bundle for Azure Local
- HPE Tech Care 3-year minimum, or multiple other options for Azure Local platform and software support
- Azure Local solution deployment services for initial cluster setup or expansion node(s) (optional)
- Azure Local network switch configuration services (optional)

Notes:

- The solution supports scaling in single server increments. Any number of nodes between the min/max range can be ordered.
- Customer provided TOR and Management switches must comply with network switch requirements listed at: <https://learn.microsoft.com/en-us/azure/azure-local/concepts/physical-network-requirements>

The HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local are factory integrated solutions.

Notes: The Azure Stack HCI OS software image will be installed in the factory. Client licenses are not included for VM or container-based instances. Azure Local service pricing is based on the total number of processor cores in a node and billed by Microsoft, HPE acting as CSP (optional), or the CSP of record – unless the OEM license bundle is acquired at the time of purchase. See the section related to the OEM license bundle for more information.

Solution Configuration

Determine which platform is the most appropriate for your needs.

HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local

P65984-B21

HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local

P78955-B21

Configuration Information

The following components will be automatically included:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Server Platform	Included	Included
Boot device	Included	Included
High Performance Fan Kit	Included	Included
Bezel	Included	Included
BIOS configuration in-factory	Included	Included
OS Installation in-factory	Included	Included
Heat Sink Kit	Included	Included
Rail kit	Included	-
Secondary Riser	Included	-

Notes: Server configurations must be identical for all nodes in a cluster.

The following compute related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Node quantity	1-16 nodes	1-16 nodes
Identify HPE as the Cloud Service Provider	Wizard selectable if a new Azure Subscription is required	Wizard selectable if a new Azure Subscription is required
Processor	Wizard selectable - 2 processors	Wizard selectable - 1 processors
Memory	Wizard selectable - 2-32 DIMMs	Wizard selectable - 1-6 DIMMs
Graphics Options	Wizard selectable - 0-2 GPUs	Wizard selectable - 0-2 GPUs; quantity dependent of PCI Riser selection and number of other PCI devices
Power Supply	Wizard selectable	Wizard selectable
iLO Common Password	Wizard selectable	Wizard selectable
USB port disablement	-	Wizard selectable
HPE Bezel Lock Kit	Available in compute node menu	Wizard selectable
Serial Port Cable Kit	-	Wizard selectable

Configuration Information

The following rack related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Rack selection	Wizard selectable – Virtual Rack if customer uses an existing rack; onsite rack option available as required in certain countries	Wizard selectable – Virtual Rack if customer uses an existing rack; onsite rack option available as required in certain countries
Desk/Wall Mount Kit	Not applicable	Wizard selectable – can be used with Rack onsite rack selection
Rack Enable Kit	Not applicable	Wizard selectable – can be used with any rack option except Desk/Wall Mount kit
Easy Install Rail Kit	Included	Wizard selectable - requires Rack Enable Kit
Cable Management Kit	Available in compute node menu	Wizard selectable - requires Easy Install Rail Kit

The following switch-related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Switch block	Wizard selectable – selectable type (HPE networking or Aruba) and throughput (10G or 100G) or customer provided networking option	Wizard selectable – selectable type (HPE networking or Aruba) or customer provided networking option

The following storage related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Drive Cages	No end-user selectable options	Wizard selectable
Storage block type	Wizard selectable	No variation available
Storage drive type	Wizard selectable	Wizard selectable
Storage drive quantity	Wizard selectable	Wizard selectable

Configuration Information

The following PCI Riser related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
PCI Riser	No end-user selectable options	Wizard selectable – options selected dictates number of PCI devices (GPUs and network adapters) that can be added to the server

The following Network Adapter related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
OCP Adapter	Not applicable	Wizard selectable – it is recommended that all network adapters be of the same manufacturer and family
PCI Adapter	Wizard selectable	Wizard selectable – it is recommended that all network adapters be of the same manufacturer and family
PCI Adapter Quantity	Wizard selectable	Wizard selectable – dependent on PCI Riser selection and quantity of GPUs

The following software and services related components are Wizard selectable:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Management software	Wizard selectable	Wizard selectable
Deployment services	Wizard selectable	Wizard selectable

Configuration Information

The following additional tabs exist with the affiliated Wizard selectable components:

Component	HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local
Power Cords	Available in compute node menu	Wizard selectable
Uplink Transceivers	Wizard selectable	Wizard selectable
Cables	Wizard selectable	Wizard selectable
Server Transceivers	Wizard selectable	Wizard selectable

For technical specifications applicable to your specific system configuration, please refer to the appropriate QuickSpecs:

HPE ProLiant DL380 Gen11 Server QuickSpecs: <https://www.hpe.com/psnow/doc/a50004307enw>

HPE ProLiant DL145 Gen11 Server QuickSpecs: <https://www.hpe.com/psnow/doc/a50009217enw>

Notes: To obtain configuration specific server power and thermal sizing estimates for facilities planning purposes use the HPE Power Advisor at: <https://poweradvisorext.it.hpe.com/?Page=Index>

Environmentally Friendly Products and Approach

End-of-Life Management and Recycling

Hewlett Packard Enterprise offers end-of-life Hewlett Packard Enterprise product return, trade-in, and recycling programs in many geographic areas. For more information, visit:

<https://www.hpe.com/us/en/about/environment/product-recycling.html> or contact your nearest Hewlett Packard Enterprise sales office. Products returned to Hewlett Packard Enterprise will be recycled, recovered, or disposed of in a responsible manner.

The European Union Waste Electrical and Electronic Equipment Directive [EU WEEE] (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site at:

<https://www.hpe.com/us/en/about/environment/product-recycling.html>. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
10-Nov-2025	Version 9	Changed	Rebranding of the HPE ProLiant DL380 Gen11 Server Integrated System for Azure Local to a Premier Solution. Branding updates to align with Microsoft's requirements.
02-Sep-2025	Version 8	Changed	Overview and Standard Features sections were updated.
		Added	HPE ProLiant DL380 Gen11 Server Integrated System for Azure Local and Optional Software License Bundle Exclusively for Azure Local Integrated Systems: Azure Local with Microsoft Windows Server 2025 OEM License specs.
28-Jul-2025	Version 7	Changed	Survey link updated.
05-May-2025	Version 6	Changed	Rebranding from Microsoft Azure Stack HCI to Azure Local; structure change allowing the inclusion of the HPE ProLiant DL145 Gen11 Server for Azure Local; general updates to content in all sections
16-Dec-2024	Version 5	Changed	Standard Features section was updated.
05-Aug-2024	Version 4	Changed	Overview, Standard features, and Configuration Information sections were updated.
19-Feb-2024	Version 3	Changed	Networking product names were updated.
08-Jan-2024	Version 2	Changed	Service and Support section was updated
02-Oct-2023	Version 1	New	New QuickSpecs

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