Shape the Future of QuickSpecs - Your Input Matters

HPE ProLiant for Azure Local QuickSpecs

Although enterprise adoption of cloud architecture continues to grow, not all workloads are suitable for the 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.

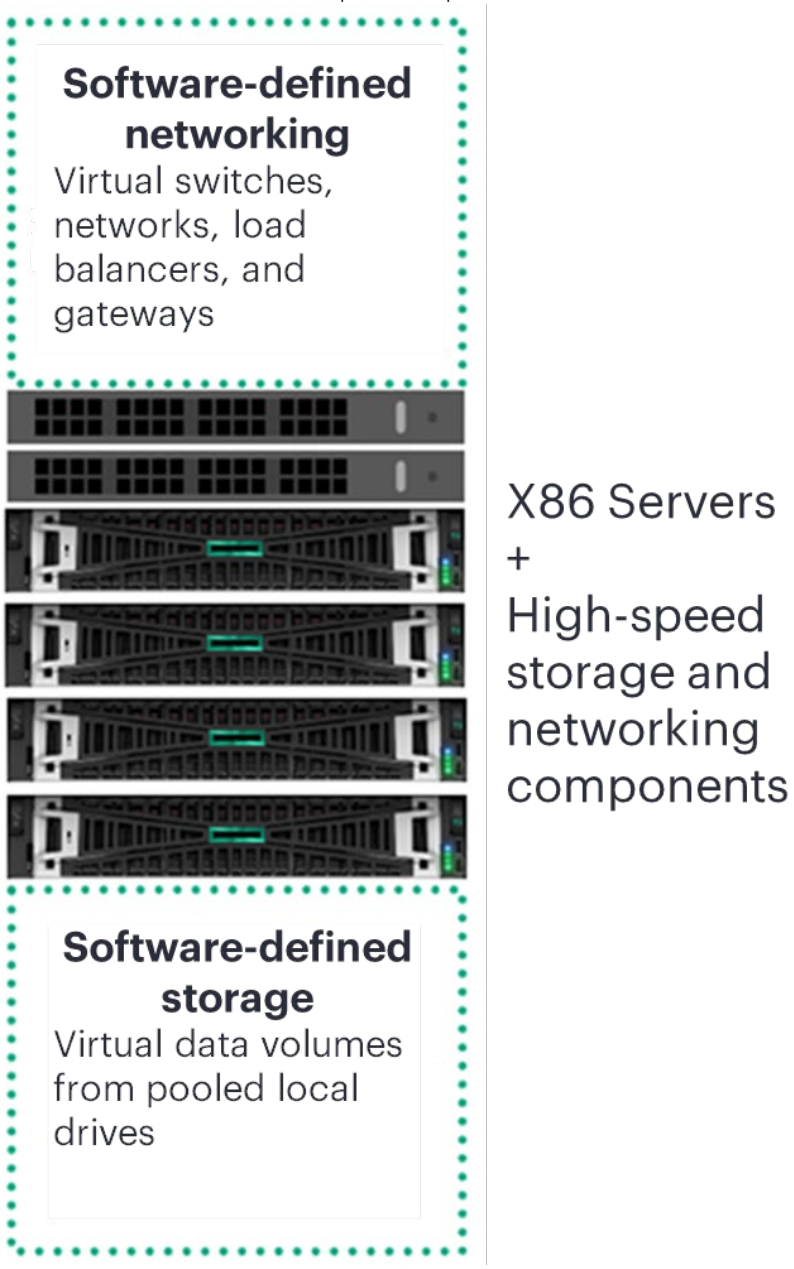
Microsoft, with Azure Local, has been recognized as a leader in the 2024 Gartner® Magic Quadrant™ for Distributed Hybrid Infrastructure.

HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local

Powered by a dedicated virtualization operating system platform that is consumed as an Azure cloud service and refreshed annually, HPE ProLiant Server Premier Solutions and Integrated Systems for Azure Local combine the rock-solid HPE ProLiant platform with an appliance-like solution experience. These solutions deliver 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 sixteen 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 can directly open support cases with Microsoft on behalf of HPE's ProLiant Server Premier Solution and Integrated System for Azure Local customers.
- Solution Builder Extensions provide 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 used for the automated cluster aware deployment of HPE updates to the solution.

- 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 on-site server configuration and Azure Local instance (cluster) deployment.
- Optional network switch configuration services available as separate, optional add-on service elements.



Base Concept - Front View

HPE and Microsoft partner together 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.

HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local

The HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local (P86930-B21) is designed for enterprise, edge, and retail use cases and delivers advances in performance, efficiency, reliability, serviceability, and near-continuous availability. When delivered as a Premier Solution for Azure Local, the HPE ProLiant Compute DL380 Gen12 Server offers a carefully curated selection of options for demanding virtualized and hybrid workloads that require high levels of reliability. Its hardware, services, and support integrate seamlessly with Microsoft Azure. The 2U form factor provides the physical and thermal capacity to support workloads that require the unique processing capabilities of graphics processing units (GPUs), such as AI, machine learning, image and video processing or encoding, data analytics, graphics rendering, and virtual desktop infrastructure (VDI). The current curated set of options is shown in the following table. For the latest available options, see HPE One Config Advanced or the technical white paper available at https://www.hpe.com/us/en/alliance/microsoft/azurelocal.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.

Component	Options
Node count	1 – 16 nodes per Azure Local instance
Processors	2 Intel® Xeon® 6 processors with Performance-Cores (P-Cores): – Intel® Xeon®-Silver, Intel® Xeon®-Gold, or Intel® Xeon®-Platinum – 8 – 86 cores per processor – 2.0 – 4.0 GHz per processor – 150 – 350W per processor
Memory	2 – 32 DIMMs (in pairs) for a max per node of 8192 GB with the following DIMM options: – 16 GB 1RX8 – 32 GB 2RX8 – 64 GB 2RX4 – 96 GB 2RX4 – 128 GB 2RX4 – 256 GB 4RX4
Boot device	1 of the following boot devices: – HPE NS204i-u V2 480 GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960 GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960 GB NVMe SED Hot Plug Boot Optimized Storage Device
Storage	Direct attached EDSFF E3S EC1 NVMe SSD with: – 2 – 20 Mixed Use or Read Intensive NVMe SSD drives – 1.6 TB – 15.36 TB – 307.20 TB max per node

Standard Features

Component	Options
Network	Any combination of the following network adapters from either Broadcom, Intel®, or Mellanox: – 0 – 2 10/25 Gb SFP28 OCP Network Adapters – 0 – 3 10/25 Gb SFP28 PCIe Network Adapters – 0 – 3 100 Gb SFP56 PCIe Network Adapters
Graphics Options	Any of the following graphics processing units: – 0 – 3 NVIDIA L4 24 GB GPUs – 0 – 2 NVIDIA L40S 48 GB GPUs – 0 – 1 NVIDIA RTX PRO 6000 96 GB GPUs
Power Supply	Any two of the following: – 800W Flex Slot Platinum Hot Plug – 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

Notes:

- The HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local and its available server options have been designed for environments with ambient inlet temperatures of 25 °C or cooler. For warmer environments, the available OCA wizard cannot be used, and additional configuration restrictions exist. Contact your HPE seller or AzureLocal@hpe.com for additional assistance.
- When deploying Azure Local for Disconnected Operations or for M365 Local, it is strongly recommended that a 960GB boot device be used.
- Mixing adapters from different network vendors is not supported.
- Mixing different models of GPUs is not supported.
- GPUs may require separate licensing, which is not included with the Azure Local solution.
- See the OCA wizard or the published technical whitepaper for the latest information on supported devices.
- For more information on the HPE ProLiant Compute DL380 Gen12 Server, visit the platform QuickSpecs.

HPE ProLiant Compute DL360 Gen12 Server Premier Solution for Azure Local

The HPE ProLiant Compute DL360 Gen12 Server Premier Solution for Azure Local (P86963-B21) is designed for enterprise, edge, and retail use cases and delivers advances in performance, efficiency, reliability, serviceability, and near-continuous availability. When delivered as a Premier Solution for Azure Local, the HPE ProLiant Compute DL360 Gen12 Server offers a carefully curated selection of options for demanding virtualized and hybrid workloads that require high levels of reliability. Its hardware, services, and support integrate seamlessly with Microsoft Azure. The 1U form factor supports high-density deployments. The current curated set of options is shown in the following table. For the latest available options, see HPE One Config Advanced or the technical white paper available at https://www.hpe.com/us/en/alliance/microsoft/azurelocal.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.

Component	Options
Node count	1 – 16 nodes per Azure Local instance
Processors	2 Intel® Xeon® 6 processors with Performance-Cores (P-Cores): – Intel® Xeon®-Silver, Intel® Xeon®-Gold, or Intel® Xeon®-Platinum – 8 – 86 cores per processor – 2.0 – 4.0 GHz per processor – 150 – 350W per processor
Memory	2 – 32 DIMMs (in pairs) for a max per node of 8192 GB with the following DIMM options: – 16 GB 1RX8 – 32 GB 2RX8 – 64 GB 2RX4 – 96 GB 2RX4 – 128 GB 2RX4 – 256 GB 4RX4
Boot device	1 of the following boot devices: – HPE NS204i-u V2 480 GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960GB NVMe SED Hot Plug Boot Optimized Storage Device
Storage	Direct attached EDSFF E3S EC1 NVMe SSD with: – 2 – 20 Mixed Use or Read Intensive NVMe SSD drives – 1.6 TB – 15.36 TB – 307.20 TB max per node

Component	Options
Network	Any combination of the following network adapters from either Broadcom, Intel®, or Mellanox: – 0 – 2 10/25 Gb SFP28 OCP Network Adapters – 0 – 3 10/25 Gb SFP28 PCIe Network Adapters – 0 – 3 100 Gb SFP56 PCIe Network Adapters
Graphics Options	Any of the following Graphic Processing Units: 0 – 2 NVIDIA L4 24 GB GPUs
Power Supply	Any two of the following: – 800W Flex Slot Platinum Hot Plug – 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

Notes:

- The HPE ProLiant Compute DL360 Gen12 Server Premier Solution for Azure Local and its available server options have been designed for environments with ambient inlet temperatures of 25 °C or cooler. For warmer environments, the available OCA wizard cannot be used, and additional configuration restrictions exist. Contact your HPE seller or AzureLocal@hpe.com for additional assistance.
- When deploying Azure Local for Disconnected Operations or for M365 Local, it is strongly recommended that a 960GB boot device be used.
- Mixing adapters from different network vendors is not supported.
- GPUs may require independent licensing, which is not included with the Azure Local solution
- See the OCA wizard or the published technical whitepaper for the latest information on supported devices.
- For more information on the HPE ProLiant Compute DL360 Gen12 Server, visit the platform QuickSpecs.

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/azurelocal.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® 4th or 5th generation Xeon processors per node with options in the following ranges: – Intel® Xeon®-Silver, Intel® Xeon®-Gold, or Intel® Xeon®-Platinum – 8 – 64 cores per processor – 1.7 – 3.9 GHz 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: – 16 GB 1RX8 – 32 GB 2RX8 – 64 GB 2RX4 – 128 GB 4RX4 – 256 GB 8RX4
Boot device	1 of the following boot devices: – HPE NS204i-u V2 480 GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960 GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960 GB NVMe SED Hot Plug Boot Optimized Storage Device

Component	Options
Storage	1 MR216i-o SAS HBA with: – 2 – 16 Mixed Use SSD drives – 960GB – 6.4 TB per drive – 102.4 TB max per node -or- Direct attached NVMe SSD with: – 2 – 16 Mixed Use or Read Intensive NVMe SSD drives – 800GB – 15.36 TB 245.76 TB max per node
Network	Any combination of the following network adapters from either Intel® or Mellanox: – 0 – 3 10/25 Gb SFP28 PCIe Network Adapters – 0 – 3 100 Gb SFP56 PCIe Network Adapters
Graphics Options	Any of the following Graphic Processing Units: – 0 – 3 NVIDIA L4 24 GB GPUs – 0 – 3 NVIDIA A16 64 GB GPUs – 0 – 3 NVIDIA L40 48 GB GPUs – 0 – 2 NVIDIA L40S 48 GB GPUs
Power Supply	Any two of the following: – 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

Notes:

- The HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local and its available server options are designed for a wide range of environments. For information about ambient inlet temperatures, see the latest platform QuickSpecs. Contact your HPE seller or AzureLocal@hpe.com for additional assistance.
- When deploying Azure Local for Disconnected Operations or for M365 Local, it is strongly recommended that a 960GB boot device be used.
- Mixing adapters from different network vendors is not supported.
- GPUs may require independent licensing, which is not included with the Azure Local solution
- See the OCA wizard or the published technical whitepaper for the latest information on supported devices.

HPE ProLiant DL145 Gen11 Server Premier Solution for Azure Local

The HPE ProLiant DL145 Gen11 Server Premier Solution 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/azurelocal.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: – 8 – 64 cores per processor – 2.0–2.65 GHz per processor – 90–200 W per processor
Memory	1 – 6 DIMMs (in pairs) for a max per node of 768 GB with the following DIMM options: – 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 of the following boot devices: – HPE NS204i-u V2 480GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960GB NVMe Hot Plug Boot Optimized Storage Device – HPE NS204i-u v2 960GB NVMe SED Hot Plug Boot Optimized Storage Device
Storage	Direct attached NVMe SSD with: – 2 – 6 Mixed Use or Read Intensive NVMe SSD drives – 1.6 TB–15.36 TB E3.S EC1 EDSFF – 92.16 TB maximum per node
Network	Any combination of the following network adapters from either Broadcom, Intel®, or Mellanox: – 0 – 1 10/25 Gb SFP28 OCP Network Adapters – 0 – 3 10/25 Gb SFP28 PCIe Network Adapters
Graphics Options	Any of the following Graphic Processing Units: – 0 – 2 NVIDIA L4 24 GB GPUs – 0 – 1 NVIDIA L40S 48 GB GPUs
Power Supply	Any 2 of the following: – 700W Flex Slot Platinum Hot Plug Low Halogen – 900W – 1000W Flex Slot Titanium Hot Plug Low Halogen

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

Notes:

- The HPE ProLiant DL145 Gen11 Server Premier Solution for Azure Local and its available server options are designed for a wide range of environments. For information about ambient inlet temperatures, see the latest platform QuickSpecs. Contact your HPE seller or AzureLocal@hpe.com for additional assistance.
- When deploying Azure Local for Disconnected Operations or for M365 Local, it is strongly recommended that a 960GB boot device be used.
- Mixing adapters from different network vendors is not supported.
- GPUs may require independent licensing, which is not included with the Azure Local solution
- See the OCA wizard or the published technical whitepaper for the latest information on supported devices.

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 10 GbE and 100 GbE top-of-rack (ToR) switch options are available for the HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local. However, only the 10 GbE top-of-rack switch option is available for the HPE ProLiant DL145 Gen11 Server Premier Solution 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 bundle includes two software and service elements for a one-time license fee, with no monthly subscription payments for Azure Local or 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.
  - The Azure Local with Microsoft Windows Server 2025 license bundle is a CPU core-based license. The total number of physical processor cores in a server must be licensed, and a minimum licensing requirement of 16 cores applies, similar to the minimum for Windows Server.
- Flexibility: Can be rolled into a 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 operating system is preloaded on Premier Solutions and Integrated Systems for Azure Local servers. Windows Server 2025 Datacenter images can be added by using customer-provided images or Azure Marketplace images downloaded from Azure as needed. Use the Windows Server 2025 Datacenter Azure Edition image with the static Datacenter AVMA guest or client key. For activation details and steps, see 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:

Azure Local with Microsoft Windows Server 2025 16-core FIO Software for HPE OEM	P84046-B21
Azure Local with Microsoft Windows Server 2025 2-core Additional License FIO Software for HPE OEM	P84047-B21

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.

Optional Services: HPE Landing Zone for Microsoft Azure Local Remote Service

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 customers 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 the IP addresses for the devices included in the solution: up to three switches and up to 16 HPE ProLiant servers. Limit the updates to Azure Local requirements and the target data center parameters 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

For the most up-to-date information on HPE Services, please refer to the HPE Services – Supplemental QuickSpecs, which provides a comprehensive and regularly updated overview of available services.

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.
- One to 16 configurable HPE ProLiant Gen11 or Gen12 servers.
- Factory preloaded Azure Stack HCI OS
- One rack selected from multiple HPE rack options, or a customer-provided rack with on-site 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.	**SKU**
HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local	P86930-B21
HPE ProLiant Compute DL360 Gen12 Server Premier Solution for Azure Local	P86963-B21
HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local	P65984-B21
HPE ProLiant DL145 Gen11 Server Premier Solution for Azure Local	P78955-B21

In HPE One Config Advanced (OCA) use the search feature to search for the appropriate product ID (SKU). If available, select the option with the “Wizard” tag. If multiple tiles are presented, click “Customize” on the tile with “Wizard” in the name. The ensuing solution wizard allows the easy selection of curated components and any specific restrictions ensuring that the referenceable bill of materials adheres to the Azure Local requirements on the platform of choice.

A CTO (configure-to-order) may exist for the desired product ID. The CTO option is designed to address “deal specific requests” that the OCA Wizard may be unable to fulfill. Every UCID created via the OCA Wizard will require manual review and an authorized factory override for the forced unbuildable error that will exist. This manual review allows HPE

experts to review the request for errors or issues that could impact the reliability or supportability of the solution. If an OCA Wizard is not available, which is typically a temporary condition, the CTO option can be used to build a valid configuration; however, it will still require a manual review and an authorized factory override to proceed with a quote or an order.

For HPE ProLiant Compute for Azure Local specific technical details such as validated components, compatibility information, and user guide with known issues, please reference the following documents:

HPE for Azure Local (main landing page):
https://www.hpe.com/us/en/alliance/microsoft/azurelocal.html

HPE Solutions for Azure Local Technical Whitepaper:
https://www.hpe.com/psnow/doc/a50008245enw?jumpid=in_pdfviewer-psnow

HPE ProLiant for Azure Local Firmware and Software Compatibility Guide:
https://support.hpe.com/hpesc/public/docDisplay?docId=sd00003953en_us&page=index.html

HPE ProLiant for Azure Local Solutions User Guide:
https://support.hpe.com/hpesc/public/docDisplay?docId=sd00006156en_us&page=index.html

For technical specifications applicable to your specific system configuration, please refer to the appropriate QuickSpecs:
HPE ProLiant Compute DL380 Gen12 Server QuickSpecs: https://www.hpe.com/psnow/doc/a00073551enw
HPE ProLiant Compute DL360 Gen12 Server QuickSpecs: https://www.hpe.com/psnow/doc/a50006984enw
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
21-Sep-2026	Version 13	Changed	Replaced references to "HPE GreenLake" with "GreenLake" to align with current branding standards.
04-May-2026	Version 12	Changed	Rebranding of the HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local to a Premier Solution. Branding updates to align with Microsoft's requirements.
06-Apr-2026	Version 11	Changed	Standard Features section was updated.
		Added	HPE ProLiant Compute DL360 Gen12 Server Premier Solution for Azure Local, HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local, HPE ProLiant DL380 Gen11 Server Premier Solution for Azure Local, and HPE ProLiant DL145 Gen11 Server Integrated System for Azure Local SKUs.
02-Mar-2026	Version 10	Changed	Standard Features section was updated.
		Added	Updated GreenLake statement. HPE ProLiant Compute DL380 Gen12 Server Premier Solution for Azure Local.
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	The Service and Support section was updated.
02-Oct-2023	Version 1	New	New QuickSpecs

Have feedback on QuickSpecs? We're listening

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