

Overview

Shape the Future of QuickSpecs – Your Input Matters

HPE ProLiant Compute for Nutanix Solution

The HPE ProLiant Compute DL380 Gen12 and DL360 Gen12 for Nutanix are robust and versatile servers designed to handle demanding workloads in today's dynamic IT environments.

Known for its exceptional performance, the Nutanix DL380 is a 2U rack server that supports up to two Intel® Xeon® 6 processors, each with up to 144 cores per socket. It features a memory capacity of up to 8 TB, as well as high-speed PCIe Gen5 and flexible I/O for accelerator options such as GPUs. Its 2U form factor provides a balance of density and expandability, offering ample room for future growth with support for a wide range of storage options.

The HPE ProLiant Compute DL360 Gen12 for Nutanix is a compact 1U 2P server that delivers exceptional compute performance, memory density with scalability and high-speed data transfer rate to run your most demanding applications. With the right balance of expandability and density. Designed for supreme versatility and resiliency while backed by a comprehensive warranty,

Built with a focus on reliability, security, and ease of management, the HPE ProLiant Compute servers for Nutanix come equipped with advanced features such as silicon root of trust technology to safeguard your critical data against cyber threats. It offers a comprehensive suite of management tools, including HPE Compute Ops Management (Monitoring only) and HPE iLO 7, which provide remote management capabilities, enabling IT administrators to manage and troubleshoot the server from anywhere, thereby reducing downtime and operational costs. Whether you are a small business looking to scale or a large enterprise managing complex workloads in the data center, the HPE ProLiant Compute Gen12 delivers unparalleled performance, flexibility, and resilience to support your business-critical applications and drive your IT initiatives forward.

What's New

- All new Nutanix DL360/380 Gen12 servers
- Intel® Xeon® 6 Processors.
- Qualified platforms /configurations recognized by both HPE & Nutanix
- Factory tuned & optimized HW settings for Nutanix environments
- Factory pre-installed Nutanix AHV & AOS
- Up to two front OCP NIC
- NS204i-u front install option.
- DDR5 with 6400 MT/s memory at 1DPC.
- GPU performance Kit for improved thermals

At A Glance

Nutanix and HPE: Better Together

The HPE and Nutanix partnership offers a unified, efficient, and secure hybrid multi-cloud environment, simplifying IT management, enhancing performance, and supporting critical business applications and AI workloads. This integrated solution tackles common challenges like hybrid multi-cloud complexity, security and compliance concerns, high IT costs, difficulties in scaling, and unplanned downtime. By combining Nutanix's innovative software with HPE's reliable hardware, organizations can achieve simplified IT operations, reduced costs, seamless hybrid cloud management, scalable and secure infrastructure, improved performance, and streamlined deployments across the Nutanix workloads.



Overview

Key Benefits:

- The HPE and Nutanix solution include a consistent operating model across different cloud environments, streamlined management through a unified console, and flexible consumption-based options with HPE GreenLake. HPE ProLiant DL servers for Nutanix are specifically optimized for the Nutanix environment, offering a jointly engineered solution and enhanced security features like HPE's dedicated security processor called secure enclave featured within iLO7. This collaboration aims to, increase IT efficiency, ensure operational reliability, provide dynamic scalability, and simplify the management of applications and data in a hybrid multi-cloud setting.
- Optimized solutions – Nutanix HPE ProLiant offerings are optimized to provide ideal performance on the from a range of workloads including VDI, SQL, and more.
- Custom and scalable build- All nodes default to a configuration optimized for both cost and performance; however, each has a full suite of options to upgrade. The customer can tailor each server to fit their specific environment.
- All Nutanix HPE servers use HPE NS204i as boot source (standard).
- Factory built -The hardware is assembled and configured in the HPE factory using extensively tested configuration guidelines.
- Solution-level support - Hewlett Packard Enterprise offers its HPE 4-hour 24x7 Tech Care Service as base support, with options for Tech Care Advanced as well as Complete Care. This solution-level support experience is designed to accelerate time to resolution and is delivered by an HPE Center of Excellence capable of supporting the complete solution, including the HPE hardware, software, VMware software, and Microsoft software. HPE solution support experts are well versed in all aspects of the offering. Customers also have the ability to select from various service level options such as HPE 6-Hour Call-to-Repair Hardware Support, or options for defective media retention.
- Configuration SKUs for Nutanix HPE ProLiant DL360/DL380 Gen12 Servers.

Standard Platform Information

HPE ProLiant Intel Gen12 servers for Nutanix are technically the same as the standard HPE ProLiant Intel Gen12 servers. This enables Nutanix customers to easily leverage industry leading HPE server technology. Nutanix servers are enhanced with extended purchase lifecycle, extended warranty, branding options, and other services to provide a flexible and stable platform for customers to build their solutions around.

The information contained in this document only describes the additional features and available options for the Nutanix HPE ProLiant Gen12 servers. To learn more about the features and available options each of the Nutanix DL server platforms shares with the standard HPE ProLiant Gen12 servers, refer to the standard server QuickSpecs linked below, or visit

<http://www.hpe.com/info/qs>.

- [**HPE ProLiant DL360 Gen12 QuickSpecs**](#)
 - [**HPE ProLiant DL380 Gen12 QuickSpecs**](#)
-



Standard Features

Nutanix HPE ProLiant Server Platforms

Nutanix Platform	Form Factor	Chassis Type
Nutanix HPE ProLiant DL360 Gen12	2 Processor, 1U	10 SFF NVMe
Nutanix HPE ProLiant DL380 Gen11	2 Processor, 2U	24 SFF NVMe
		12 LFF SSD, HDD

Notes: Nutanix server chassis are technically the same as their corresponding standard versions. Nutanix platforms include pre-installed AOS software.

The Nutanix HPE ProLiant DL360 Gen12 server supports Intel® Xeon 6® Processors

- Up to 2 of the following, depending on model.
- Performance-Core (P-Core) processors.
- The 2nd digit of the processor model number “x4xx” is used to denote the processor generation (i.e. 4 = 4th Generation Intel® Xeon® Scalable Processors).

Notes: For more information regarding Intel® Xeon® Scalable Processors, please see the following <http://www.intel.com/xeon>.

6 th Generation Intel® Xeon® Scalable Processor Family								
Performance General Purpose Processors								
Intel® Xeon® Models	Frequency	Cores	L3 Cache	Power	UPI	DDR5	SKU	Die
6507P Processor	3.5 GHz	8	48 MB	150W	4	6400 MT/s	P74504-B21	LCC
6517P Processor	3.2 GHz	16	72MB	190W	4	6400 MT/s	P74507-B21	LCC
6527P Processor	3.0 GHz	24	144 MB	270W	4	6400 MT/s	P74570-B21	HCC
6730P Processor	2.5 GHz	32	288 MB	195W	4	6400 MT/s	P74573-B21	XCC
6736P Processor	2.0 GHz	36	144 MB	205W	4	6400 MT/s	P74575-B21	HCC
6737P Processor	2.9 GHz	32	144 MB	165W	4	6400 MT/s	P74576-B21	XCC
6747P Processor	2.7 GHz	48	288 MB	185W	4	6400 MT/s	P73831-B21	XCC
6767P Processor	2.4 GHz	64	336 MB	125W	4	6400 MT/s	P73834-B21	XCC
6787P Processor	2.0 GHz	86	336 MB	350W	4	6400 MT/s	P73837-B21	XCC
Mainline Processors								
Intel® Xeon® Models	Frequency	Cores	L3 Cache	Power	UPI	DDR5	SKU	Die
6505P Processor	2.2 GHz	12	48 MB	150W	4	6400 MT/s	P74503-B21	LCC
6515P Processor	2.3 GHz	16	72 MB	150W	4	6400 MT/s	P74506-B21	LCC
6520P Processor	2.4 GHz	24	144 MB	210W	4	6400 MT/s	P74568-B21	HCC
6530P Processor	2.3 GHz	32	144 MB	225W	4	6400 MT/s	P74571-B21	HCC
6540P Processor	2.1 GHz	48	288 MB	270W	4	6400 MT/s	P73829-B21	XCC
6560P Processor	2.2 GHz	64	320 MB	330W	4	6400 MT/s	P73832-B21	XCC

Notes:

- One or two processor(s).
- One or two processor(s) with TDP equal to or greater than 186W through 270W require High Performance Heatsink Kit (P48905-B21) and High-Performance Fan Kit (P48908-B21).



Standard Features

Memory

Nutanix DL360 Gen12	HPE DDR5 Smart Memory	Registered (RDIMM)
DIMM Slots Available	32	16 DIMM slots per processor, 8 channels per processor, 2 DIMMs per channel
Maximum capacity (RDIMM)	8.0 TB	32 x 256 GB RDIMM @ 4800 MT/s
Nutanix DL380 Gen12	HPE DDR5 Smart Memory	Registered (RDIMM)
DIMM Slots Available	32	16 DIMM Slots, 8 channels, 2 DIMMs per channel
Maximum capacity (RDIMM)	8.00 TB	32 x 256 GB RDIMM @ 4800 MT/s

Notes: For additional information, please visit the [HPE Memory QuickSpecs and Technical White Papers](#) or [HPE DDR5 Smart Memory QuickSpecs](#).

See HPE Servers Support & Certification Matrices

- **VMware ESXi: 7.0 U3, 8.0, 8.0.2**
- **Nutanix AHV:** AHV 20220304.### (≥439); AHV 20230302.### (≥100173)
- **Nutanix AOS: 6.8/AOS 6.10**

Warranty

This product is covered by a global limited warranty and supported by HPE Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Services operational services or customized service agreements. Hard drives have either a one year or three-year warranty; refer to the specific hard drive QuickSpecs for details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:

<https://www.hpe.com/us/en/search-results.html?page=1&q=servers%20warranty&autocomplete=0>

Server Management

HPE iLO Advanced: Standard

HPE iLO Advanced licenses offer smart remote functionality without compromise, for all HPE ProLiant servers. The license includes the full integrated remote console, virtual keyboard, video, and mouse (KVM), multi-user collaboration, console record and replay, and GUI-based and scripted virtual media and virtual folders. You can also activate the enhanced security and power management functionality.



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 in 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/completecure>

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>



Service and Support

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>

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 quick-specs, 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/>



Service and Support

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

This section lists some of the steps required to configure a Factory Integrated Model.

To ensure valid configurations are ordered, Hewlett Packard Enterprise recommends the use of an HPE approved configurator.

Contact your local sales representative for information on configurable product offerings and requirements.

- Factory Integrated Models must start with a CTO Server.
- FIO indicates that this option is only available as a factory installable option.
- Some options may not be integrated at the factory. Contact your local sales representative for additional information.
- **Refer to the QuickSpecs for the Standard HPE ProLiant Gen12 servers for complete details on supported options and configuration details.**
 - [HPE ProLiant DL360 Gen12 QuickSpecs](#)
 - [HPE ProLiant DL380 Gen12 QuickSpecs](#)

Step 1: Base Configuration (choose one of the following configurable models)

CTO Server models do not include embedded LOM. To enable networking capability please select a validated alternative NIC –OCF or PCIe- from the Core Options section.

Nutanix Platform	CTO SKU	Configuration Sku*
Nutanix HPE ProLiant DL360 Gen12 10SFF NVMe Configure-to-order Server	P55438-B21	P80634-B21
Nutanix HPE ProLiant DL380 Gen12 12LFF Configure-to-order Server	P55436-B21	P80632-B21
Nutanix HPE ProLiant DL380 Gen12 24SFF NVMe Configure-to-order Server	P55428-B21	P80631-B21

Processor	Not included as standard
DIMM Slots	32-DIMM slots
DIMM Blanks	DIMM Blanks are required, embedded and shipped as default in all CTO Servers
Storage Controller	HPE ProLiant Gen11 MR216i-o controller (DL380 12LFF Gen12 only). NVMe platforms do not require a controller.
PCIe Slots	PCIe 5.0. One standard primary/butterfly riser: 2 slots as Slot 1 & Slot 2 (1 x16 FH / 1 x16 LP) and 4 x8 front NVMe connectors Optional: Slot 3 in 1 x16 FH or LP slot
OCP3.0 Slots	PCIe 5.0: 2 slots (1x16/ 1x16)
Drive Cage – included	DL
Network Controller	Customer is allowed to remove and select other cards (PCIe or OCP) from Networking category. Choice of OCP3.0 or stand-up cards for primary networking selection plus additional/optional stand-up networking adapters. Notes: – No embedded networking from motherboard. – ¹ In 1 Processor configuration, “CPU1 to OCP2 x8 Enablement Kit” will be selected as default as OCP NIC is pre-selected at OCP Slot 2, to be defaulted in the configurator if 1 Processor is selected. Customer is allowed to remove if OCP NIC is not selected but need to be replaced by a PCIe standup NIC. Meanwhile, the “CPU1 to OCP2 x8 Enablement Kit” will be removed. – ¹ “CPU2 to OCP2 x8 Enablement Kit” or “CPU2 to OCP2 x16 Enablement Kit” must be selected if OCP NIC is selected in 2 Processors configuration. “CPU2 to OCP2 x8 Enablement Kit” to be defaulted in the configurator if 2 Processors are selected. User should be allowed to remove “CPU2 to OCP2 x8 Enablement Kit” and should be forced select “CPU2 to OCP2 x16 Enablement Kit” if OCP NIC is selected. Customer is allowed to

Configuration Information

	remove if OCP NIC is not selected but need to be replaced by a PCIe standup NIC. Meanwhile, the “CPU2 to OCP2 x8 Enablement Kit” will be removed.
Boot Device	NS204i-u (Standard)
Fans	Choice of High Performance Fan Kits Standard
Management	HPE iLO Advanced (standard)
Video Output	Rear: 1 VGA Optional: 1 Rear Serial Port
USB	Front: 1 USB 3.2 Gen1 + iLO service port Rear: 2 USB 3.2 Gen1 Internal: 1 USB 3.2 Gen1 + 1 USB2.0 Optional: 1 Front USB 2.0
Security	TPM2.0 (Trusted Platform Module) embedded Notes: Disabled on shipments to China
Rail Kit	Optional Easy Install rails and CMA Notes: Server does not support shelf mounted rail kits (“L” brackets).
Form Factor	1U Rack
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.

Notes:

- All DL360/DL380 Gen12 CTO Server models require a networking selection of a network adapters in the “HPE Networking” section.
- HPE Trusted Supply Chain (P36394-B21) is an optional security upgrade intended for agencies and regulated industries needing enhanced security and compliance needs. Applying this option to a DL360 Gen11 CTO server ensures it is built in the USA in a secured facility by vetted HPE personnel assigned to the manufacturing processes. A multitude of checkpoints/inspections for malicious microcode and counterfeit parts are performed throughout the server build, and additional safeguards are put in place against cyber-exploits throughout the server lifecycle. The HPE ProLiant DX360 Gen11 is re-branded as a HPE ProLiant DL360T Gen11 to denote the HPE Trusted Supply Chain security enhancements. The DL360T is Trade Agreement Act (TAA) compliant. See “HPE Security” section within this document for more detail and learn more at <http://www.hpe.com/security>
- *HPE offers multiple Trade Agreement Act (TAA) compliant configurations to meet the needs of US Federal Government customers. These products are either manufactured or substantially transformed in a designated country. TAA compliance is only provided when HPE options are included as part of factory integrated orders (CTO).
- All CTO servers are Energy Star compliant, exclude configuration with GPU Must select Processor, Memory and Power Supply in all CTO models.
- Minimum One card (PCIe or OCP) must be selected from Networking OR InfiniBand OR Smart IO (HW) OR Storage Offload category.
- Supported Rail kit to be defaulted for CTO Model in the configurator. But customer can deselect the Rail kit if the CTO Model is selected without Rack (Standalone server).



Core Options

How to order

Customers can purchase Nutanix DL Gen12 platforms directly from Hewlett Packard Enterprise GreenLake or through joint Hewlett Packard Enterprise/Nutanix authorized resellers. There is a dedicated Nutanix DL solutions catalog within our Hewlett Packard Enterprise sales and authorized partner ordering tool [OCA]. Within the catalog, customers can use Nutanix Solution menus for DL360/380 Gen12 from the OCA catalog and all profiles and workload optimized solutions.

Step 1: Choose Core Options

- Processor(s): Mixing of 2 different processor models is not supported.
- Processor(s): CTO server will populate necessary heatsink and fan kits per system thermal requirements and processor models
- Memory: DIMM Blanks are required to be selected as below thermal requirements as shown in previous CTO chassis (Base model) section.
- Storage Device: No selection is required for front storage controller/smart storage battery, storage backplane cage and controller/backplane cables. The front storage backplane cage and storage controller are pre-selected in the Smart Chassis section. The compatible controller/backplane cable kits will be automated from Smart Chassis tool and SKUs to be presented in later BOM section.
- Storage Device: Choice of storages in 2.5" SFF and 3.5" LFF are presented. Hot-pluggable in this server.
- Factory Configuration Settings.
- Riser cards: P Choice of riser card for PCIe5.0 slots enablement. Primary/standard riser cards are default in CTO Chassis (Base model). Selection for one of the secondary riser kits (FH or LP) is required if expecting a stand-up card in PCIe Slot.
- OS Boot Device: Max one OS Boot device can be selected in a server. Selection of the OS Boot Device along with Enablement Cable Kit is required. Only front Enablement Kit will be presented as default if already been chosen in previous Smart Chassis section.
- Networking: Choice of high-performance NIC, 1GbE NIC, or 10/25GbE NIC, available in stand-up and OCP3.0.
- Power and Cooling: Choices of FlexSlot Power supply with redundancy, system fans, DLC extension tubes and power cords.
- Choice of Security Options.
- Graphic Options: Choice of compatible GPUs.
- Rack Options: Choice of Rail kit and Cable Management Arm.
- Software RAID
- Software as a Service Management: Choice of HPE Compute Ops Management and Choice of HPE OneView. Monitoring capability only.

Step 2: Choose Additional Options

- Choice of Manufacturing Service
- Choice of Support Service
- Choice of Rack options
- Choice of UPS
- Choice of Support Services



Core Options

Nutanix Processors

Notes:

- Select one or two processors depending upon the server model.
- Processors with TDP greater than 185W require High Performance Heatsink (P52756-B21).
- Processors with TDP greater than 185W require High-Performance Fan Kit (P48908-B21).

6th Generation Intel Xeon - Processors

Intel Xeon 6507P 3.5GHz 8-core 150W Processor for HPE	P74504-B21
Intel Xeon 6517P 3.2GHz 16-core 190W Processor for HPE	P74507-B21
Intel Xeon 6527P 3.0GHz 24-core 255W Processor for HPE	P74570-B21
Intel Xeon 6730P 2.5GHz 32-core 250W Processor for HPE	P74573-B21
Intel Xeon 6736P 2.0GHz 36-core 205W Processor for HPE	P74575-B21
Intel Xeon 6737P 2.9GHz 32-core 270W Processor for HPE	P74576-B21
Intel Xeon 6745P 3.1GHz 32-core 300W Processor for HPE	P81591-B21
Intel Xeon 6747P 2.7GHz 48-core 330W Processor for HPE	P73831-B21
Intel Xeon 6767P 2.4GHz 64-core 350W Processor for HPE	P73834-B21
Intel Xeon 6787P 2.0GHz 86-core 350W Processor for HPE	P73837-B21

Mainline Processors

Intel Xeon 6505P 2.2GHz 12-core 150W Processor for HPE	P74503-B21
Intel Xeon 6515P 2.3GHz 16-core 150W Processor for HPE	P74506-B21
Intel Xeon 6520P 2.4GHz 24-core 210W Processor for HPE	P74568-B21
Intel Xeon 6530P 2.3GHz 32-core 225W Processor for HPE	P74571-B21
Intel Xeon 6740P 2.1GHz 48-core 270W Processor for HPE	P73829-B21
Intel Xeon 6760P 2.2GHz 64-core 330W Processor for HPE	P73832-B21

Memory Options

For detailed information on HPE server memory options, population rules, whitepapers and optimal memory performance guidelines, please go to: [HPE Memory QuickSpecs](#) and [Technical White Papers](#).

Registered DIMMs DDR5 (RDIMM)

HPE 16GB (1x16GB) Single Rank x8 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P69726-B21
HPE 32GB (1x32GB) Dual Rank x8 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P69727-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P69728-B21
HPE 96GB (1x96GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P69729-B21
HPE 128GB (1x128GB) Dual Rank x4 DDR5-6400 CAS-52-52-52 EC8 Registered Smart Memory Kit	P69730-B21
HPE 256GB (1x256GB) Quad Rank x4 DDR5-6400 CAS-60-52-52 EC8 Registered 3DS Smart Memory Kit	P73447-B21



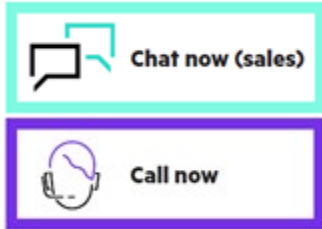
Summary of Changes

Date	Version History	Action	Description of Change
11-Aug-2025	<u>Version 1</u>	New	New QuickSpecs



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Contact our presales specialists.



Shape the Future of QuickSpecs – Your Input Matters

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