HPE ProLiant ML350 Gen11



What's new

- Powered by 4th and 5th Gen Intel® Xeon® Scalable Processors that support up to 64 cores[1] (128 cores per server) 350W TDP. Increased memory bandwidth to 5600 MT/s[2], up to 8 TB DDR5 memory capacity.
- Supports new EDSFF E3.S NVMe form factor to enable higher-density servers and storage systems, optimization of PCIe lanes from CPUs, and ultra-high SSD performance.
- Advanced data transfer rates from the PCIe Gen5 serial expansion bus, support up to 10 standard PCIe Gen5 slots and 2 OCP 3.0 slots [3].
- Includes HPE Integrated Lights-Out 6 (iLO 6) server management software that enables you to securely configure, monitor, and update your HPE ProLiant Gen11 servers seamlessly from anywhere.

Overview

Are you looking for a robust and flexible tower optimized server for your SMB and remote offices?

The HPE ProLiant ML350 Gen11 is a powerful 2P tower server with optional rackable chassis for various environments, and delivers exceptional compute performance, security, reliability, and expandability.

Powered by 4th and 5th Gen Intel® Xeon® Scalable Processors up to 64 cores[1], up to 8 TB DDR5, PCIe Gen5, enhanced I/O and GPU support, and EDSFF storage, the HPE ProLiant ML350 Gen11 server fulfills a wide range of demanding workloads.

The silicon root of trust anchors the server firmware to an HPE-exclusive ASIC, creating a fingerprint for the 4th and 5th Gen Intel® Xeon® Scalable processors that must be matched exactly before the server will boot.

The HPE ProLiant ML350 Gen11 server is an excellent choice for diverse workloads such as IT infrastructure, Data Management, VDI, ERP/CRM. Scale and adapt to any environment with this server and accelerate your growing business.

- Supports hot-pluggable, high-availability, RAID1 protected M.2 NVMe boot option.

- Support NVIDIA® RTX 4000 Ada Graphics Accelerator, L40 48 GB Accelerator, A16 64 GB Accelerator and L4 24 GB Accelerator.

Features

Intuitive cloud operating experience: simple, self-service, and automated

HPE ProLiant ML350 Gen11 servers are engineered for your hybrid world. The new ProLiant Gen11 servers simplify the way you control your business's compute—from edge to cloud—with a cloud operating experience.

Transform business operations and pivot your team from reactive to proactive with global visibility and insight through a self-service console.

Automate tasks for efficiency in deployment, instant scalability, and seamless, simplified support and lifecycle management reducing tasks and shortening maintenance windows.

These experiences are engineered and built into all HPE ProLiant Gen11 servers, whether purchased as physical servers or consumed as-a-service using GreenLake Flex Solutions as your compute and storage demands grow.

Simplify and secure server management from edge to cloud with HPE Compute Ops Management. HPE Compute Ops Management is an as-a-service compute management experience that delivers greater simplicity, agility, and speed across your entire compute landscape, globally.

Trusted security by design: uncompromising, fundamental, and protected

HPE ProLiant ML350 Gen11 server uses the silicon root of trust to anchor the firmware of an HPE ASIC, creating an immutable fingerprint for the Intel® Processor that must be matched exactly before the server will boot. This verifies that malicious code is contained and healthy servers are protected.

HPE ProLiant Gen11 servers continuously protect healthy servers at the edge by providing rapid detection of security-compromised servers, even to the point of not allowing them to boot if it identifies and contains malicious code, with IDevID certificates installed by default.

HPE ProLiant Gen11 servers provide automated recovery from a security event, including restoration of validated firmware, and facilitating recovery of the operating system, application, data connections, and providing a fast path to bring a server back online and into normal operations.

From silicon to software, from factory to cloud, and from generation to generation, HPE ProLiant Gen11 is engineered with a fundamental security approach to defend against increasingly complex threats through an uncompromising commitment to constant security advancements that are built into our DNA.

Optimized performance for your workloads: accelerated, open, and efficient

The HPE ProLiant ML350 Gen11 server is an excellent choice for Compute and data storage demanding workloads (AI, ML, telco, DB analytics,) requiring high core count, GPU capabilities, and network and I/O bandwidth.

Harness major compute performance. The HPE ProLiant ML350 Gen11 server is powered by 4th and 5th Gen Intel® Xeon® Scalable Processors that support up to 64 cores[1] (128 cores per server) at 350W TDP.

Enjoy advanced data transfer rates and higher network speeds from the PCIe Gen5 serial expansion bus, with up to 4x 16 PCIe Gen5 and 2x 16 OCP slots to improve I/O throughput and reduce latency.

Utilize 32 DIMM channels for up to 8 TB DDR5 memory with increased memory bandwidth and performance, and lower power requirements.

Industry-leading services and ease of deployment

The HPE ProLiant ML350 Gen11 server comes with a complete set of HPE Services, delivering confidence, reducing risk, and helping customers realize agility and stability.

HPE Services simplify all stages of the IT journey. Advisory and Transformation Services professionals understand customer challenges and design an effective solution. Professional Services enable rapid deployment of solutions and Operational Services provide ongoing support.

Services provided under Operational Services include: HPE Flexible Capacity, HPE Datacenter Care, HPE Infrastructure Automation, HPE Campus Care, HPE Proactive Services and multi-vendor coverage.

HPE IT investment solutions help you transform to a digital business with IT economics that align to your business goals.

Benefit from real-time operational feedback on server performance plus recommendations for fine-tuning BIOS settings to customize for changing business needs.

Technical specifications	HPE ProLiant ML350 Gen11
Processor type	Intel
Processor family	5th Gen Intel® Xeon® Scalable Processors and 4th Gen Intel® Xeon® Scalable Processors
Processor number	1 or 2
Processor core available	8 to 64 cores, depending on processor.
Processor speed	3.9 GHz, maximum depending on processor.
Processor cache	22.5 MB L3 to 320 MB L3, depending on processor.
Memory type	HPE DDR5 Smart Memory
Maximum memory	8.0 TB with 256 GB DDR5 DIMM
Memory slots	32 DIMM slots
Memory protection features	Advanced ECC Memory Online Spare Mode Memory Lock Step Mode
Accelerators	Optional: Supports NVIDIA® L40/A16/L4/RTX 4000 Ada Graphics Accelerator for HPE, pending configuration
System fan features	Depending on model, Standard 3 fans, none-hot-plug. Optional 5 additional fans, hot-plug and N+1 redundancy. Refer to the QuickSpecs for more detail.
Expansion slots	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.
Form factor	4U Tower
Network controller	Choice of optional OCP plus standup. Refer to the QuickSpecs for more detail.
Drive supported	4 to 12 LFF SAS/SATA or 8 to 24 SFF SAS/SATA/x1 NVMe HDD/SSD, or 8 SFF x4 NVMe SSD, or 12 EDSFF x4 NVMe SSD, depending on model. Upgrade option kits are available.
Optical drive type	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.
Power supply type	2 Flexible Slot power supplies maximum, depending on model.
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download) HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.
Security	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.

Technical specifications	HPE ProLiant ML350 Gen11
Warranty	3/3/3: Server Warranty includes three years of parts, three years of labor, and three years of on-site support coverage. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us. Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HPE website at https://www.hpe.com/support.

[1] Support up to 64-core with 5th Gen Intel® processor and 60-core with 4th Gen Intel® processor

[2] DDR5 5600 MT/s memory is limited to support with 5th Gen Intel® processors. The maximum memory speed is a function of the memory type, memory configuration, and processor model.

[3] OCP and two tertiary riser PCIe slots are shared with 3 internal MICO connectors.

SKU comparison

	HPE ProLiant ML350 Gen11 4410Y 12c 2x32GB-R 8SFF MR408i-o 2x960GB SATA SSD 2x800W PS AR Server (P79779-D05)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12-core 1P 32GB-R VROC 4LFF 800W RPS Server (P53564-AA1)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P69310-005)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 64GB-R 8SFF MR408i-o 2x960GB SSD 2x800W RPS LA Server (P75341-DM5)	HPE ProLiant ML350 Gen11 4510 2.4GHz 12c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS CN Server (P98091-AA5)
Detailed product description	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4410Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4410Y Processor, 32 GB (1x32 GB) Dual Rank Memory, Embedded Intel VROC SATA Hybrid RAID, support for four LFF drives, three standard fans, one HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4410Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4410Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4510 Processor, 64 GB (2x 32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty
Processor name	Intel® Xeon® Silver 4410Y (12 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4410Y (12 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4410Y (12 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4410Y (12 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4510 (12 core, 2.40 GHz, 30 MB L3, 150W)
Processor number	1 processor included				
Processor core available	12 core	12 core	12 core	12 core	12 core

	HPE ProLiant ML350 Gen11 4410Y 12c 2x32GB-R 8SFF MR408i-o 2x960GB SATA SSD 2x800W PS AR Server (P79779-D05)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12-core 1P 32GB-R VROC 4LFF 800W RPS Server (P53564-AA1)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P69310-005)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 64GB-R 8SFF MR408i-o 2x960GB SSD 2x800W RPS LA Server (P75341-DM5)	HPE ProLiant ML350 Gen11 4510 2.4GHz 12c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS CN Server (P98091-AA5)
Processor speed	2.00 GHz	2.00 GHz	2.00 GHz	2.00 GHz	2.40 GHz
Processor cache	30 MB L3	30 MB L3	30 MB L3	30 MB L3	30 MB L3
Memory type	HPE DDR5 Smart Memory	HPE 32GB 2Rx8 PC5-4800B-R Smart Kit	HPE DDR5 Smart Memory	HPE DDR5 Smart Memory	HPE DDR5 Smart Memory
Included memory	64 GB (2x32 GB, 4800 MT/s)	32 GB (1x32 GB, 4800 MT/s)	64 GB (2x32 GB, 4800 MT/s)	64 GB (2x32 GB, 4800 MT/s)	64 GB (2x 32 GB, 5600 MT/s)
Accelerators	Optional: Supports NVIDIA® L40/A16/L4/RTX 4000 Ada Graphics Accelerator for HPE, pending configuration				
System fan features	3x Standard Fans				
Expansion slots	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.	Default with 4 x8 PCIe 5.0 slots. Refer to the QuickSpecs for more detail.	Default with 4 x8 PCIe 5.0 slots. Refer to the QuickSpecs for more detail.	Default with 4 x8 PCIe 5.0 slots. Refer to the QuickSpecs for more detail.	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.
Form factor	4U Tower				
Network controller	Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE				
Storage controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	Embedded Intel VROC SATA Hybrid RAID	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller
Included drives	2x HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	None ship standard, 4 LFF supported	2x HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	2x HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	None ship standard, 8 SFF supported
Optical drive type	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.	Optional. None ship standard.	Optional. None ship standard.	Optional. None ship standard.	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.

	HPE ProLiant ML350 Gen11 4410Y 12c 2x32GB-R 8SFF MR408i-o 2x960GB SATA SSD 2x800W PS AR Server (P79779-D05)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12-core 1P 32GB-R VROC 4LFF 800W RPS Server (P53564-AA1)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P69310-005)	HPE ProLiant ML350 Gen11 4410Y 2.0GHz 12c 1P 64GB-R 8SFF MR408i-o 2x960GB SSD 2x800W RPS LA Server (P75341-DM5)	HPE ProLiant ML350 Gen11 4510 2.4GHz 12c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS CN Server (P98091-AA5)
Power supply type	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	1x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with intelligent provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (requires licenses), and HPE Compute Ops Management (optional subscription available). Refer to the iLO 6 User Guide
Security	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Included), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Included), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.
Warranty	3/3/3: Server Warranty includes three years of parts, three years of labor, and three years of on-site support coverage. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us. Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HPE website at https://www.hpe.com/support.				

	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server (P81776-425)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS AP Server (P84664-375)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P71688-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS NA Server (P99457-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF NS204i-u MR408i-o 2x1000W PS EU Server (P99474-425)
Detailed product description	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4514Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSDs, two HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4514Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4514Y Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, one HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit, one HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit, two HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4514Y Processor, 64 GB (2x 32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, one HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit, one HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4514Y Processor, 64 GB (2x 32 GB) Dual Rank Memory, one HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, one HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit, one HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit, two HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty
Processor name	Intel® Xeon® Silver 4514Y (16 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4514Y (16 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4514Y (16 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4514Y (16 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Silver 4514Y (16 core, 2.00 GHz, 30 MB L3, 150W)
Processor number	1 processor included				
Processor core available	16 core	16 core	16 core	16 core	16 core

	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server (P81776-425)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS AP Server (P84664-375)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P71688-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS NA Server (P99457-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF NS204i-u MR408i-o 2x1000W PS EU Server (P99474-425)
Processor speed	2.00 GHz	2.00 GHz	2.00 GHz	2.00 GHz	2.00 GHz
Processor cache	30 MB L3	30 MB L3	30 MB L3	30 MB L3	30 MB L3
Memory type	HPE DDR5 Smart Memory				
Included memory	64 GB (2x32 GB, 5600 MT/s)	64 GB (2x32 GB, 5600 MT/s)	64 GB (2x32 GB, 5600 MT/s)	64 GB (2x 32 GB, 5600 MT/s)	64 GB (2x 32 GB, 5600 MT/s)
Accelerators	Optional: Supports NVIDIA® L40/A16/L4/RTX 4000 Ada Graphics Accelerator for HPE, pending configuration				
System fan features	3x Standard Fans	3x Standard Fans	8x Standard Fans	8x Standard Fans	8x Standard Fans
Expansion slots	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.	Default with 4 x8 PCIe 5.0 slots. Refer to the QuickSpecs for more detail.	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.
Form factor	4U Tower				
Network controller	Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE				
Storage controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller	HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller
Included drives	2x HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	2x HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	2x HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	None ship standard, 8 SFF supported	None ship standard, 8 SFF supported

	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server (P81776-425)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS AP Server (P84664-375)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P71688-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o NC BCM5719 2x800W PS NA Server (P99457-005)	HPE ProLiant ML350 Gen11 4514Y 2.0GHz 16c 1P 2x32GB-R 8SFF NS204i-u MR408i-o 2x1000W PS EU Server (P99474-425)
Optical drive type	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.	Optional. None ship standard.	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.
Power supply type	2x HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management (optional subscription available).	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management (optional subscription available).
Security	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Included), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.
Warranty	3/3/3: Server Warranty includes three years of parts, three years of labor, and three years of on-site support coverage. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us. Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HPE website at https://www.hpe.com/support.				

	HPE ProLiant ML350 Gen11 4516Y+ 2.2GHz 24c 1P 2x32GB-R 8SFF MR408i-o 2x960GB SSD 2x800W PS NA Server (P83320-005)	HPE ProLiant ML350 Gen11 5416S 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P69313-005)	HPE ProLiant ML350 Gen11 5515+ 3.2GHz 8c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server (P81779-425)
Detailed product description	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Silver 4516Y+ Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, one HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit, one HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit, two HPE 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Gold 5416S Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, one HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit, one HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit, two HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSDs, two HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kits, one TPM (Trusted Platform Module), and a 3/3/3 warranty	Shop the HPE Smart Choice purchase program: Our most popular servers, fully configured and ready to ship - now! HPE ProLiant ML350 Gen11 server with one Intel® Xeon® Gold 5515+ Processor, 64 GB (2x32 GB) Dual Rank Memory, one HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller, support for eight SFF drives, three standard fans, two HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSDs, two HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kits, one TPM (Trusted Platform Module), one HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit, and a 3/3/3 warranty
Processor name	Intel® Xeon® Silver 4516Y+ (24 core, 2.20 GHz, 45 MB L3, 185W)	Intel® Xeon® Gold 5416S (16 core, 2.00 GHz, 30 MB L3, 150W)	Intel® Xeon® Gold 5515+ (8 core, 3.20 GHz, 22.5 MB L3, 165W)
Processor number	1 processor included		
Processor core available	24 core	16 core	8 core
Processor speed	2.20 GHz	2.00 GHz	3.20 GHz
Processor cache	45 MB L3	30 MB L3	22.5 MB L3
Memory type	HPE DDR5 Smart Memory		
Included memory	64 GB (2x32 GB, 5600 MT/s)	64 GB (2x32 GB, 4800 MT/s)	64 GB (2x32 GB, 5600 MT/s)
Accelerators	Optional: Supports NVIDIA® L40/A16/L4/RTX 4000 Ada Graphics Accelerator for HPE, pending configuration		
System fan features	8x Standard Fans	8x Standard Fans	3x Standard Fans

	HPE ProLiant ML350 Gen11 4516Y+ 2.2GHz 24c 1P 2x32GB-R 8SFF MR408i-o 2x960GB SSD 2x800W PS NA Server (P83320-005)	HPE ProLiant ML350 Gen11 5416S 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x800W PS NA Server (P69313-005)	HPE ProLiant ML350 Gen11 5515+ 3.2GHz 8c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server (P81779-425)
Expansion slots	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.	Default with 4 x8 PCIe 5.0 slots. Refer to the QuickSpecs for more detail.	2 to 10 PCIe Gen5 (2 OCP 3.0). Refer to the QuickSpecs for more detail.
Form factor	4U Tower		
Network controller	Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE		
Storage controller	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller		
Included drives	2x HPE 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	2x HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	2x HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD
Optical drive type	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.	Optional. None ship standard.	Optional DVD-ROM or DVD-RW. Optional Half-Height RDX, up to 1. Refer to the QuickSpecs for more detail.
Power supply type	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	2x HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit
Infrastructure management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE OneView Advanced (require licenses), and HPE Compute Ops Management.		
Security	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Included), Padlock slot and Kensington Lock slot support.	UEFI Secure Boot and Secure Start support. Intel® Software Guard Extensions (SGX) support. Immutable Silicon Root of Trust. TPM (Trusted Platform Module) 2.0 support. Front bezel key-lock feature, Intrusion Cable (Optional), Padlock slot and Kensington Lock slot support.
Warranty	3/3/3: Server Warranty includes three years of parts, three years of labor, and three years of on-site support coverage. Additional information regarding worldwide limited warranty and technical support is available at: https://support.hpe.com/hpesc/public/docDisplay?docId=sd00004309en_us. Additional HPE support and service coverage for your product can be purchased locally. For information on availability of service upgrades and the cost for these service upgrades, refer to the HPE website at https://www.hpe.com/support.		

Related Options

The following options are available for these series:

SKU	Description
Accelerators	
P47220-B21	HPE ProLiant Compute ML350 Gen11/Gen12 External GPU Fan Kit
P39102-B21	HPE ProLiant DL300 Gen10 Plus GPU 8-pin Keyed Cable Kit
P47221-B21	HPE ProLiant ML350 12(8+4)-pin/16-pin Cable Kit for NVIDIA GPU
Adapters	
P51178-B21	Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T Adapter for HPE
P51181-B21	Broadcom BCM5719 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE
P26259-B21	Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ Adapter for HPE
P26256-B21	Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE
P26262-B21	Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
P10115-B21	Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
P26253-B21	Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE
P10097-B21	Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE
P26264-B21	Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
P26269-B21	Broadcom BCM57504 Ethernet 10/25Gb 4-port SFP28 OCP3 Adapter for HPE
R2J62A	HPE SN1610E 32Gb 1-port Fibre Channel Host Bus Adapter
R2J63A	HPE SN1610E 32Gb 2-port Fibre Channel Host Bus Adapter
R2E08A	HPE SN1610Q 32Gb 1-port Fibre Channel Host Bus Adapter
R2E09A	HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter
R7N77A	HPE SN1700E 64Gb 1-port Fibre Channel Host Bus Adapter
R7N78A	HPE SN1700E 64Gb 2-port Fibre Channel Host Bus Adapter
R7N86A	HPE SN1700Q 64Gb 1-port Fibre Channel Host Bus Adapter
R7N87A	HPE SN1700Q 64Gb 2-port Fibre Channel Host Bus Adapter
P21112-B21	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 Adapter for HPE
P22767-B21	Intel E810-CQDA2 Ethernet 100Gb 2-port QSFP28 OCP3 Adapter for HPE
P08443-B21	Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
P10106-B21	Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
P08458-B21	Intel E810-XXVDA4 Ethernet 10/25Gb 4-port SFP28 Adapter for HPE
P21106-B21	Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE
P08449-B21	Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE

P42044-B21	Mellanox MCX631102AS-ADAT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE
P42041-B21	Mellanox MCX631432AS-ADAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE
S2A69A	NVIDIA Ethernet 10/25Gb 2-port SFP28 NVMe-oF Crypto Adapter for HPE
R8M41A	NVIDIA Ethernet 100Gb 2-port NVMe-oF Offload Adapter for HPE

Batteries/Chargers

P02381-B21	HPE Smart Storage Hybrid Capacitor with 260mm Cable Kit

Boot Devices

P48183-B21	HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device
P81160-B21	HPE NS204i-u v2 960GB NVMe Hot Plug Boot Optimized Storage Device
P81162-B21	HPE NS204i-u v2 960GB NVMe SED Hot Plug Boot Optimized Storage Device

Cables/Cable Kits

P22173-B21	HPE 1600W -48VDC 600V 3.5m Power Cable Kit
487655-B21	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable
A0K02A	HPE C13 - C14 WW 250V 10Amp 2.0m Jumper Cord
AF573A	HPE C13 - C14 WW 250V 10Amp Flint Gray 2.0m Jumper Cord
AJ833A	HPE LC to LC Multi-mode OM3 2-Fiber 0.5m 1-Pack Fiber Optic Cable
AJ834A	HPE LC to LC Multi-mode OM3 2-Fiber 1.0m 1-Pack Fiber Optic Cable
AJ836A	HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable
AJ837A	HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable
AJ838A	HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable
AJ839A	HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable
P47235-B21	HPE ProLiant Compute ML350 Gen11/Gen12 8SFF x1 OROC Box 2/3 Cable Kit
P55062-B21	HPE ProLiant Compute ML350 Gen11/Gen12 Serial Port Cable Kit
P58199-B21	HPE ProLiant Compute ML350 Gen11/Gen12 Smart Storage Battery Cable Kit
P47226-B21	HPE ProLiant Compute ML Gen11/Gen12 Intrusion Cable Kit
P47225-B21	HPE ProLiant ML350 Gen11 LFF Embedded SATA Cable Kit
P47229-B21	HPE ProLiant ML350 Gen11 LFF OROC Cable Kit
P47227-B21	HPE ProLiant ML350 Gen11 LFF SAS/SATA PCIe Controller Cable Kit
P48403-B21	HPE ProLiant ML350 Gen11 NS204i-u Enablement Kit
P47230-B21	HPE ProLiant ML350 Gen11 OCP1 Enablement Kit
P47231-B21	HPE ProLiant ML350 Gen11 OCP2 Enablement Kit
P47232-B21	HPE ProLiant ML350 Gen11 SFF Embedded SATA Cable Kit
P47233-B21	HPE ProLiant ML350 Gen11 SFF Tri-Mode PCIe Controller Cable Kit

Conversion Kits

P47394-B21	HPE ProLiant Compute ML Gen11/Gen12 Tower to Rack Conversion Kit

Drives and storage

P28586-B21	HPE 1.2TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD
P28622-B21	HPE 1.2TB SAS 12G Mission Critical 10K SFF BC 3yr Wty FIPS 140-2 TAA-compliant HDD
P91237-B21	HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Multi Vendor SSD
P50227-B21	HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD
P85662-B21	HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PQC27 CM9 SSD
P61043-B21	HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P92309-B21	HPE 1.6TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 PQC27 CD9P SSD
P65007-B21	HPE 1.6TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 Static V2 Multi Vendor SSD
P91084-B21	HPE 1.6TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P86016-B21	HPE 1.6TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin PQC27 CD9P SSD
P87715-B21	HPE 1.6TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 Self-encrypting 7600 SSD
P85114-B21	HPE 1.6TB NVMe Gen5 Mainstream Performance Mixed Use E3S EC1 SPDM 7600 SSD
P49049-B21	HPE 1.6TB SAS 24G Mixed Use SFF BC Multi Vendor SSD
P83344-B21	HPE 1.6TB SAS Mixed Use SFF BC Self-encrypting FIPS 140-3 PM7 SSD
P53562-B21	HPE 1.8TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD
P91243-B21	HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Multi Vendor SSD
P50216-B21	HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PM1733a SSD
P85668-B21	HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PQC27 CM9 SSD
P61019-B21	HPE 1.92TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P92315-B21	HPE 1.92TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 PQC27 CD9P SSD
P64844-B21	HPE 1.92TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 Static V2 Multi Vendor SSD
P91090-B21	HPE 1.92TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P86024-B21	HPE 1.92TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin PQC27 CD9P SSD
P85121-B21	HPE 1.92TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 SPDM 7600 SSD
P87719-B21	HPE 1.92TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 Self-encrypting 7600 SSD
P40511-B21	HPE 1.92TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD
P40507-B21	HPE 1.92TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD
P49031-B21	HPE 1.92TB SAS 24G Read Intensive SFF BC Multi Vendor SSD
P40504-B21	HPE 1.92TB SATA 6G Mixed Use SFF BC Multi Vendor SSD
P40499-B21	HPE 1.92TB SATA 6G Read Intensive SFF BC Multi Vendor SSD
861686-B21	HPE 1TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Multi Vendor HDD
P28352-B21	HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD
P28618-B21	HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3yr Wty 512e FIPS 140-2 TAA-compliant HDD

861681-B21	HPE 2TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Multi Vendor HDD
P91239-B21	HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Multi Vendor SSD
P50230-B21	HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD
P85664-B21	HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PQC27 CM9 SSD
P61051-B21	HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P78801-B21	HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Static PM1755 SSD
P92311-B21	HPE 3.2TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 PQC27 CD9P SSD
P65015-B21	HPE 3.2TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 Static V2 Multi Vendor SSD
P91098-B21	HPE 3.2TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P85731-B21	HPE 3.2TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin PQC27 CM9 SSD
P91086-B21	HPE 3.2TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P86018-B21	HPE 3.2TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin PQC27 CD9P SSD
P88537-B21	HPE 3.2TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 PQC27 Self-encrypting CD9P SSD
P87717-B21	HPE 3.2TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 Self-encrypting 7600 SSD
P85117-B21	HPE 3.2TB NVMe Gen5 Mainstream Performance Mixed Use E3S EC1 SPDM 7600 SSD
P49053-B21	HPE 3.2TB SAS 24G Mixed Use SFF BC Multi Vendor SSD
P91245-B21	HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Multi Vendor SSD
P50219-B21	HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PM1733a SSD
P85670-B21	HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PQC27 CM9 SSD
P61027-B21	HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P78806-B21	HPE 3.84TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Static PM1753 SSD
P92317-B21	HPE 3.84TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 PQC27 CD9P SSD
P84244-B21	HPE 3.84TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 SPDM 7500 SSD
P64846-B21	HPE 3.84TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 Static V2 Multi Vendor SSD
P63930-B21	HPE 3.84TB NVMe Gen4 Mainstream Performance Very Read Optimized E3S EC1 EDSFF P5430 SSD
P91229-B21	HPE 3.84TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P85739-B21	HPE 3.84TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin PQC27 CM9 SSD
P91092-B21	HPE 3.84TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P86026-B21	HPE 3.84TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin PQC27 CD9P SSD
P88539-B21	HPE 3.84TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 PQC27 Self-encrypting CD9P SSD
P85124-B21	HPE 3.84TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 SPDM 7600 SSD
P87721-B21	HPE 3.84TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 Self-encrypting 7600 SSD
P40512-B21	HPE 3.84TB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD
P40508-B21	HPE 3.84TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD

P49035-B21	HPE 3.84TB SAS 24G Read Intensive SFF BC Multi Vendor SSD
P83347-B21	HPE 3.84TB SAS Read Intensive SFF BC Self-encrypting FIPS 140-3 PM7 SSD
P40505-B21	HPE 3.84TB SATA 6G Mixed Use SFF BC Multi Vendor SSD
P40500-B21	HPE 3.84TB SATA 6G Read Intensive SFF BC Multi Vendor SSD
833928-B21	HPE 4TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Multi Vendor HDD
861683-B21	HPE 4TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Multi Vendor HDD
P91241-B21	HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Multi Vendor SSD
P50233-B21	HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD
P85666-B21	HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PQC27 CM9 SSD
P61059-B21	HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P78804-B21	HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 Static PM1755 SSD
P92313-B21	HPE 6.4TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 PQC27 CD9P SSD
P65023-B21	HPE 6.4TB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 Static V2 Multi Vendor SSD
P91100-B21	HPE 6.4TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P85733-B21	HPE 6.4TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin PQC27 CM9 SSD
P91088-B21	HPE 6.4TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P86020-B21	HPE 6.4TB NVMe Gen5 Mainstream Performance Mixed Use E3.S EC1 E3 Thin PQC27 CD9P SSD
P85119-B21	HPE 6.4TB NVMe Gen5 Mainstream Performance Mixed Use E3S EC1 SPDM 7600 SSD
P49057-B21	HPE 6.4TB SAS 24G Mixed Use SFF BC Multi Vendor SSD
861742-B21	HPE 6TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty 512e Multi Vendor HDD
P91247-B21	HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Multi Vendor SSD
P50222-B21	HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PM1733a SSD
P85672-B21	HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PQC27 CM9 SSD
P61035-B21	HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Self-encrypting FIPS 140-3 CM7 SSD
P78808-B21	HPE 7.68TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Static PM1753 SSD
P92319-B21	HPE 7.68TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 PQC27 CD9P SSD
P84242-B21	HPE 7.68TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 SPDM 7500 SSD
P64848-B21	HPE 7.68TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 Static V2 Multi Vendor SSD
P63934-B21	HPE 7.68TB NVMe Gen4 Mainstream Performance Very Read Optimized E3S EC1 EDSFF P5430 SSD
P91231-B21	HPE 7.68TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P85741-B21	HPE 7.68TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin PQC27 CM9 SSD
P57803-B21	HPE 7.68TB NVMe Gen5 High Performance Read Intensive E3S EC1 EDSFF SPDM PM1743 SSD
P91094-B21	HPE 7.68TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P86028-B21	HPE 7.68TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin PQC27 CD9P SSD
P88541-B21	HPE 7.68TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 PQC27 Self-encrypting CD9P SSD

P85126-B21	HPE 7.68TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 SPDM 7600 SSD
P87723-B21	HPE 7.68TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 Self-encrypting 7600 SSD
P40509-B21	HPE 7.68TB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD
P49041-B21	HPE 7.68TB SAS 24G Read Intensive SFF BC Multi Vendor SSD
P83350-B21	HPE 7.68TB SAS Read Intensive SFF BC Self-encrypting FIPS 140-3 PM7 SSD
P40501-B21	HPE 7.68TB SATA 6G Read Intensive SFF BC Multi Vendor SSD
834031-B21	HPE 8TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty 512e Multi Vendor HDD
834028-B21	HPE 8TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty 512e Multi Vendor HDD
726536-B21	HPE 9.5mm SATA DVD-ROM Optical Drive
726537-B21	HPE 9.5mm SATA DVD-RW Optical Drive
P91102-B21	HPE 12.8TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin Multi Vendor SSD
P85735-B21	HPE 12.8TB NVMe Gen5 High Performance Mixed Use E3.S EC1 E3 Thin PQC27 CM9 SSD
881781-B21	HPE 12TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e Multi Vendor HDD
881787-B21	HPE 12TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e Multi Vendor HDD
P91249-B21	HPE 15.36TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Multi Vendor SSD
P50224-B21	HPE 15.36TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PM1733a SSD
P85674-B21	HPE 15.36TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PQC27 CM9 SSD
P78810-B21	HPE 15.36TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 Static PM1753 SSD
P84236-B21	HPE 15.36TB NVMe Gen4 Mainstream Performance Read Intensive BC U.3 Static V2 SPDM Multi Vendor SSD
P92321-B21	HPE 15.36TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 PQC27 CD9P SSD
P84239-B21	HPE 15.36TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 SPDM 7500b SSD
P63938-B21	HPE 15.36TB NVMe Gen4 Mainstream Performance Very Read Optimized E3S EC1 EDSFF P5430 SSD
P91233-B21	HPE 15.36TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P85743-B21	HPE 15.36TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin PQC27 CM9 SSD
P91096-B21	HPE 15.36TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin Multi Vendor SSD
P86030-B21	HPE 15.36TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin PQC27 CD9P SSD
P88543-B21	HPE 15.36TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 PQC27 Self-encrypting CD9P SSD
P85128-B21	HPE 15.36TB NVMe Gen5 Mainstream Performance Read Intensive E3S EC1 SPDM 7600 SSD
P49045-B21	HPE 15.36TB SAS 24G Read Intensive SFF BC Multi Vendor SSD
P23608-B21	HPE 16TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P23449-B21	HPE 16TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P53553-B21	HPE 20TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P53554-B21	HPE 20TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P68583-B21	HPE 24TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P68585-B21	HPE 24TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD

P80577-B21	HPE 26TB SAS 12G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P80578-B21	HPE 26TB SATA 6G Business Critical 7.2K LFF LP 1-year Warranty Helium 512e ISE Multi Vendor HDD
P85676-B21	HPE 30.72TB NVMe Gen4 High Performance Read Intensive SFF BC U.3 PQC27 CM9 SSD
P88533-B21	HPE 30.72TB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 PQC27 CD9P SSD
P85745-B21	HPE 30.72TB NVMe Gen5 High Performance Read Intensive E3.S EC1 E3 Thin PQC27 CM9 SSD
P86032-B21	HPE 30.72TB NVMe Gen5 Mainstream Performance Read Intensive E3.S EC1 E3 Thin PQC27 CD9P SSD
P86746-B21	HPE 61.44TB NVMe Gen5 Mainstream Performance Very Read Optimized E3.S EC1 Self-encrypting 6600 SSD
P40430-B21	HPE 300GB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD
P40502-B21	HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD
P40497-B21	HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD
P58236-B21	HPE 480GB SATA 6G Read Intensive SFF BC Self-encrypting 5400P SSD
P53561-B21	HPE 600GB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD
P64999-B21	HPE 800GB NVMe Gen4 Mainstream Performance Mixed Use SFF BC U.3 Static V2 Multi Vendor SSD
P49047-B21	HPE 800GB SAS 24G Mixed Use SFF BC Multi Vendor SSD
P64842-B21	HPE 960GB NVMe Gen4 Mainstream Performance Read Intensive SFF BC U.3 Static V2 Multi Vendor SSD
P37009-B21	HPE 960GB SAS 12G Mixed Use LFF LPC Value SAS Multi Vendor SSD
P40510-B21	HPE 960GB SAS 12G Mixed Use SFF BC Value SAS Multi Vendor SSD
P40506-B21	HPE 960GB SAS 12G Read Intensive SFF BC Value SAS Multi Vendor SSD
P49029-B21	HPE 960GB SAS 24G Read Intensive SFF BC Multi Vendor SSD
P40503-B21	HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSD
P58244-B21	HPE 960GB SATA 6G Mixed Use SFF BC Self-encrypting 5400M SSD
P47808-B21	HPE 960GB SATA 6G Read Intensive LFF LPC Multi Vendor SSD
P40498-B21	HPE 960GB SATA 6G Read Intensive SFF BC Multi Vendor SSD
701498-B21	HPE Mobile USB DVD-RW Optical Drive
P47216-B21	HPE ProLiant ML350 Gen11 4LFF SAS/SATA Basic Drive Cage Kit
P47217-B21	HPE ProLiant ML350 Gen11 8SFF x1 U.3 Tri-Mode Drive Cage Kit
P62309-B21	HPE ProLiant ML350 Gen11 Internal LTO Support Kit
666987-B21	HPE Small Form Factor Hard Drive Blank Kit

Enterprise Memory Options

P43322-B21	HPE 16GB (1x16GB) Single Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit
P64705-B21	HPE 16GB (1x16GB) Single Rank x8 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit
P43328-B21	HPE 32GB (1x32GB) Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit
P64706-B21	HPE 32GB (1x32GB) Dual Rank x8 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit
P43331-B21	HPE 64GB (1x64GB) Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit
P64707-B21	HPE 64GB (1x64GB) Dual Rank x4 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit

P66675-B21	HPE 96GB (1x96GB) Dual Rank x4 DDR5-4800 CAS-46-45-45 EC8 Registered Smart Memory Kit
P64708-B21	HPE 96GB (1x96GB) Dual Rank x4 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit
P69974-B21	HPE 128GB (1x128GB) Dual Rank x4 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit
P69976-B21	HPE 128GB (1x128GB) Dual Rank x4 DDR5-5600 CAS-46-45-45 EC8 Registered Smart Memory Kit
P90550-B21	HPE 256GB (1x256GB) Quad Rank x4 DDR5-4800 CAS-60-52-52 EC8 Registered 3DS Smart Memory Kit
P90554-B21	HPE 256GB (1x256GB) Quad Rank x4 DDR5-5600 CAS-60-52-52 EC8 Registered 3DS Smart Memory Kit

Fans/Fan Options

P47219-B21	HPE ProLiant Compute ML350 Gen11/Gen12 Redundant Fan Kit
P47902-B21	HPE ProLiant Compute ML350 Gen11/Gen12 Second CPU Fan Kit

High performance computing software

S2S31AAE	NVIDIA AI Enterprise Educational per GPU 1-year 24x7 Support E-LTU
S2S37AAE	NVIDIA AI Enterprise Educational per GPU 1-year 24x7 Support Renewal E-LTU
S2S22AAE	NVIDIA AI Enterprise Educational per GPU 1-year Subscription 9x5 Support E-LTU
S2S25AAE	NVIDIA AI Enterprise Educational per GPU 1-year Subscription 9x5 Support Renewal E-LTU
S2S32AAE	NVIDIA AI Enterprise Educational per GPU 3-year 24x7 Support E-LTU
S2S38AAE	NVIDIA AI Enterprise Educational per GPU 3-year 24x7 Support Renewal E-LTU
S2S23AAE	NVIDIA AI Enterprise Educational per GPU 3-year Subscription 9x5 Support E-LTU
S2S26AAE	NVIDIA AI Enterprise Educational per GPU 3-year Subscription 9x5 Support Renewal E-LTU
S2S33AAE	NVIDIA AI Enterprise Educational per GPU 5-year 24x7 Support E-LTU
S2S39AAE	NVIDIA AI Enterprise Educational per GPU 5-year 24x7 Support Renewal E-LTU
S2S24AAE	NVIDIA AI Enterprise Educational per GPU 5-year Subscription 9x5 Support E-LTU
S2S27AAE	NVIDIA AI Enterprise Educational per GPU 5-year Subscription 9x5 Support Renewal E-LTU
S2S28AAE	NVIDIA AI Enterprise per GPU 1-year 24x7 Support E-LTU
S2S34AAE	NVIDIA AI Enterprise per GPU 1-year 24x7 Support Renewal E-LTU
S2S16AAE	NVIDIA AI Enterprise per GPU 1-year Subscription 9x5 Support E-LTU
S2S19AAE	NVIDIA AI Enterprise per GPU 1-year Subscription 9x5 Support Renewal E-LTU
S2S29AAE	NVIDIA AI Enterprise per GPU 3-year 24x7 Support E-LTU
S2S35AAE	NVIDIA AI Enterprise per GPU 3-year 24x7 Support Renewal E-LTU
S2S17AAE	NVIDIA AI Enterprise per GPU 3-year Subscription 9x5 Support E-LTU
S2S20AAE	NVIDIA AI Enterprise per GPU 3-year Subscription 9x5 Support Renewal E-LTU
S2S30AAE	NVIDIA AI Enterprise per GPU 5-year 24x7 Support E-LTU
S2S36AAE	NVIDIA AI Enterprise per GPU 5-year 24x7 Support Renewal E-LTU
S2S18AAE	NVIDIA AI Enterprise per GPU 5-year Subscription 9x5 Support E-LTU
S2S21AAE	NVIDIA AI Enterprise per GPU 5-year Subscription 9x5 Support Renewal E-LTU

Licenses/Certificates

Q2A48A	HPE Performance Message Passing Interface for 1 Socket 3yr Support LTU

Management Options

P65042-B21	HPE 16W Smart Hybrid Capacitor with 260mm Cable
P01366-B21	HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit
P01367-B21	HPE 96W Smart Storage Lithium-ion Battery with 260mm Cable Kit
P47789-B21	HPE MR216i-o Gen11 x16 Lanes without Cache OCP SPDM Storage Controller
P47785-B21	HPE MR216i-p Gen11 x16 Lanes without Cache PCI SPDM Plug-in Storage Controller
P58335-B21	HPE MR408i-o Gen11 x8 Lanes 4GB Cache OCP SPDM Storage Controller
P74775-B21	HPE MR408i-p Gen11 x8 Lanes 4GB Cache PCI SPDM Plug-in Storage Controller
P47781-B21	HPE MR416i-o Gen11 x16 Lanes 8GB Cache OCP SPDM Storage Controller
P47777-B21	HPE MR416i-p Gen11 x16 Lanes 8GB Cache PCI SPDM Plug-in Storage Controller
804398-B21	HPE Smart Array E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller
P02377-B21	HPE Smart Storage Hybrid Capacitor with 145mm Cable Kit

Operating Systems

S6L45A	Microsoft Windows Server 2019 Downgrade Datacenter Reseller Option Kit Japanese ESD LTU
S6L44A	Microsoft Windows Server 2019 Downgrade Standard Reseller Option Kit Japanese ESD LTU
S6L42A	Microsoft Windows Server 2022 Downgrade Datacenter Reseller Option Kit Japanese ESD LTU
S6L41A	Microsoft Windows Server 2022 Downgrade Standard Reseller Option Kit Japanese ESD LTU
P77111-B21	Microsoft Windows Server 2025 1 Device CAL WW LTU
P77110-AA1	Microsoft Windows Server 2025 1 User CAL Chinese Simplified LTU
P77110-B21	Microsoft Windows Server 2025 1 User CAL WW LTU
P77109-B21	Microsoft Windows Server 2025 2-core Datacenter Additional License WW SW
P77106-AA1	Microsoft Windows Server 2025 2-core Standard Additional License Chinese Simplified SW
P77106-AB1	Microsoft Windows Server 2025 2-core Standard Additional License Chinese Traditional SW
P77106-B21	Microsoft Windows Server 2025 2-core Standard Additional License WW SW
P77108-B21	Microsoft Windows Server 2025 4-core Datacenter Additional License WW SW
P77105-B21	Microsoft Windows Server 2025 4-core Standard Additional License WW SW
P77113-B21	Microsoft Windows Server 2025 5 Devices CAL WW LTU
P77112-AA1	Microsoft Windows Server 2025 5 Users CAL Chinese Simplified LTU
P77112-AB1	Microsoft Windows Server 2025 5 Users CAL Chinese Traditional LTU
P77112-B21	Microsoft Windows Server 2025 5 Users CAL WW LTU
P77115-B21	Microsoft Windows Server 2025 10 Devices CAL WW LTU
P77114-B21	Microsoft Windows Server 2025 10 Users CAL WW LTU
S6L39A	Microsoft Windows Server 2025 10-core Essentials Reseller Option Kit WW ESD LTU

P77107-B21	Microsoft Windows Server 2025 16-core Datacenter Additional License WW SW
S6L37A	Microsoft Windows Server 2025 16-core Datacenter Reassignment Reseller Option Kit WW ESD LTU
P77102-B21	Microsoft Windows Server 2025 16-core Datacenter Reassignment Reseller Option Kit en/fr/de/es SW
P77101-AA1	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit Chinese Simplified SW
P77101-AB1	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit Chinese Traditional SW
S6L36A	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit WW ESD LTU
P77101-021	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit en/cs/pl/ru/sv SW
P77101-A21	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit en/fr/de/es/it/pt/nl SW
P77101-DN1	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit en/fr/es/xc SW
P77101-371	Microsoft Windows Server 2025 16-core Datacenter Reseller Option Kit en/ko SW
P77104-B21	Microsoft Windows Server 2025 16-core Standard Additional License WW SW
P77100-AA1	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit Chinese Simplified SW
P77100-AB1	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit Chinese Traditional SW
S6L38A	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit WW ESD LTU
P77100-021	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit en/cs/pl/ru/sv SW
P77100-A21	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit en/fr/de/es/it/pt/nl SW
P77100-DN1	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit en/fr/es/xc SW
P77100-371	Microsoft Windows Server 2025 16-core Standard Reseller Option Kit en/ko SW
P77117-B21	Microsoft Windows Server 2025 50 Devices CAL WW LTU
P77116-B21	Microsoft Windows Server 2025 50 Users CAL WW LTU
P77119-B21	Microsoft Windows Server 2025 Remote Desktop Service 1 Device CAL WW LTU
P77118-B21	Microsoft Windows Server 2025 Remote Desktop Service 1 User CAL WW LTU
P77121-B21	Microsoft Windows Server 2025 Remote Desktop Service 5 Devices CAL WW LTU
P77120-B21	Microsoft Windows Server 2025 Remote Desktop Service 5 Users CAL WW LTU
P77123-B21	Microsoft Windows Server 2025 Remote Desktop Service 50 Devices CAL WW LTU
P77122-B21	Microsoft Windows Server 2025 Remote Desktop Service 50 Users CAL WW LTU
G3J32AAE	RHEL Server 2 Sckt/2 Gst 5yr 24x7 E-LTU
J8J35AAE	Red Hat Enterprise Linux Server 2 Sockets 1 Guest 1 Year Subscription 9x5 Support E-LTU
J8J36AAE	Red Hat Enterprise Linux Server 2 Sockets 1 Guest 1 Year Subscription 24x7 Support E-LTU
S4R44A	Red Hat Enterprise Linux Server 2 Sockets 1 Guest 1-year Subscription 9x5 Support LTU
S4R43A	Red Hat Enterprise Linux Server 2 Sockets 1 Guest 1-year Subscription 24x7 Support LTU
G5J63AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 1 Year Subscription 9x5 Support E-LTU
G5J62AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 1 Year Subscription 24x7 Support E-LTU
S4R46A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 1-year Subscription 9x5 Support LTU
S4R45A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 1-year Subscription 24x7 Support LTU
G5J65AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 3 Year Subscription 9x5 Support E-LTU

G5J64AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 3 Year Subscription 24x7 Support E-LTU
S4R48A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 3-year Subscription 9x5 Support LTU
S4R47A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 3-year Subscription 24x7 Support LTU
Q0D23AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 5yr Subscription 9x5 Support E-LTU
Q0D23A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 5yr Subscription 9x5 Support Flexible LTU
Q0D22AAE	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 5yr Subscription 24x7 Support E-LTU
Q0D22A	Red Hat Enterprise Linux Server 2 Sockets 4 Guests 5yr Subscription 24x7 Support Flexible LTU
G3J29AAE	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 1 Year Subscription 9x5 Support E-LTU
G3J28AAE	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 1 Year Subscription 24x7 Support E-LTU
S4R40A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 1-year Subscription 9x5 Support LTU
S4R37A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 1-year Subscription 24x7 Support LTU
G3J31AAE	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 3 Year Subscription 9x5 Support E-LTU
G3J30AAE	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 3 Year Subscription 24x7 Support E-LTU
S4R41A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 3-year Subscription 9x5 Support LTU
S4R38A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 3-year Subscription 24x7 Support LTU
S4R42A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 5-year Subscription 9x5 Support LTU
S4R39A	Red Hat Enterprise Linux Server 2 Sockets or 2 Guests 5-year Subscription 24x7 Support LTU
G3J33AAE	Red Hat Enterprise Linux Server 2 Sockets or Guests 5 Year Subscription 9x5 Support E-LTU
S4R34A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 1-year Subscription 9x5 Support LTU
S4R31A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 1-year Subscription 24x7 Support LTU
S4R35A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 3-year Subscription 9x5 Support LTU
S4R32A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 3-year Subscription 24x7 Support LTU
S4R36A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 5-year Subscription 9x5 Support LTU
S4R33A	Red Hat Enterprise Linux Virtual Datacenter 2 Sockets 5-year Subscription 24x7 Support LTU
R2Z51AAE	Red Hat Enterprise Linux for HPC Compute Node with Smart Management 1yr E-LTU
R2Z52AAE	Red Hat Enterprise Linux for HPC Compute Node with Smart Management 3yr E-LTU
R2Z53AAE	Red Hat Enterprise Linux for HPC Compute Node with Smart Management 5yr E-LTU
R2Z45AAE	Red Hat Enterprise Linux for HPC Head Node with Smart Management 1yr 24x7 E-LTU
R2Z46AAE	Red Hat Enterprise Linux for HPC Head Node with Smart Management 3yr 24x7 E-LTU
R2Z47AAE	Red Hat Enterprise Linux for HPC Head Node with Smart Management 5yr 24x7 E-LTU
Q5W19AAE	Red Hat Enterprise Linux for SAP (Physical/Virtual Nodes) 3yr Subscription 9x5 Support E-LTU
Q5W20AAE	Red Hat Enterprise Linux for SAP (Physical/Virtual Nodes) 3yr Subscription 24x7 Support E-LTU
Q5W21AAE	Red Hat Enterprise Linux for SAP (Physical/Virtual Nodes) 5yr Subscription 9x5 Support E-LTU
Q5W22AAE	Red Hat Enterprise Linux for SAP (Physical/Virtual Nodes) 5yr Subscription 24x7 Support E-LTU
Q5W23AAE	Red Hat Enterprise Linux for SAP for Virtual Datacenters 3yr Subscription 9x5 Support E-LTU
Q5W24AAE	Red Hat Enterprise Linux for SAP for Virtual Datacenters 3yr Subscription 24x7 Support E-LTU

Q5W25AAE	Red Hat Enterprise Linux for SAP for Virtual Datacenters 5yr Subscription 9x5 Support E-LTU
Q5W26AAE	Red Hat Enterprise Linux for SAP for Virtual Datacenters 5yr Subscription 24x7 Support E-LTU
G3J23AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 1 Year Subscription 9x5 Support E-LTU
G3J22AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 1 Year Subscription 24x7 Support E-LTU
G3J25AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 3 Year Subscription 9x5 Support E-LTU
G3J24AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 3 Year Subscription 24x7 Support E-LTU
G3J27AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 5 Year Subscription 9x5 Support E-LTU
G3J26AAE	Red Hat Enterprise Linux for Virtual Datacenters 2 Sockets 5 Year Subscription 24x7 Support E-LTU
G5J66AAE	Red Hat High Availability 2 Sockets Unlimited Guests 1 Year Subscription E-LTU
S4T26A	Red Hat High Availability 2 Sockets Unlimited Guests 1-year Subscription LTU
G5J67AAE	Red Hat High Availability 2 Sockets Unlimited Guests 3 Year Subscription E-LTU
S4T27A	Red Hat High Availability 2 Sockets Unlimited Guests 3-year Subscription LTU
Q0D26AAE	Red Hat High Availability 2 Sockets Unlimited Guests 5yr Subscription E-LTU
Q0D26A	Red Hat High Availability 2 Sockets Unlimited Guests 5yr Subscription Flexible LTU
G3J34AAE	Red Hat High Availability 2 Sockets or 2 Guests 1 Year Subscription E-LTU
S4T22A	Red Hat High Availability 2 Sockets or 2 Guests 1-year Subscription LTU
G3J35AAE	Red Hat High Availability 2 Sockets or 2 Guests 3 Year Subscription E-LTU
S4T23A	Red Hat High Availability 2 Sockets or 2 Guests 3-year Subscription LTU
Q0D25AAE	Red Hat High Availability 2 Sockets or 2 Guests 5yr Subscription E-LTU
Q0D25A	Red Hat High Availability 2 Sockets or 2 Guests 5yr Subscription Flexible LTU
S3Z86AAE	Red Hat OpenShift Container Platform Bare Metal 1 Physical Node 1yr Subscription 9x5 Support E-LTU
S3Z84AAE	Red Hat OpenShift Container Platform Bare Metal 1 Physical Node 1yr Subscription 24x7 Support E-LTU
S3Z90AAE	Red Hat OpenShift Container Platform Plus Bare Metal 1 Physical Node 1yr Subscription 9x5 Sup E-LTU
S3Z88AAE	Red Hat OpenShift Container Platform Plus Bare Metal 1 Physical Node 1yr Subscription 24x7 Sup E-LTU
G5J68AAE	Red Hat Resilient Storage 2 Sockets Unlimited Guests 1 Year Subscription E-LTU
G5J69AAE	Red Hat Resilient Storage 2 Sockets Unlimited Guests 3 Year Subscription E-LTU
Q0D30AAE	Red Hat Resilient Storage 2 Sockets Unlimited Guests 5yr Subscription E-LTU
Q0D30A	Red Hat Resilient Storage 2 Sockets Unlimited Guests 5yr Subscription Flexible LTU
G3J36AAE	Red Hat Resilient Storage 2 Sockets or 2 Guests 1 Year Subscription E-LTU
S4T24A	Red Hat Resilient Storage 2 Sockets or 2 Guests 1-year Subscription LTU
G3J37AAE	Red Hat Resilient Storage 2 Sockets or 2 Guests 3 Year Subscription E-LTU
S4T25A	Red Hat Resilient Storage 2 Sockets or 2 Guests 3-year Subscription LTU
Q0D29AAE	Red Hat Resilient Storage 2 Sockets or 2 Guests 5yr Subscription E-LTU
Q0D29A	Red Hat Resilient Storage 2 Sockets or 2 Guests 5yr Subscription Flexible LTU
Q5T84A	SUSE Linux Enterprise High Availability Extension 1-2 Sockets 1yr Subscription Flexible LTU

M6K34AAE	SUSE Linux Enterprise High Availability Extension 1-2 Sockets 3 Year Subscription E-LTU
M6K34A	SUSE Linux Enterprise High Availability Extension 1-2 Sockets 3 Year Subscription Flx LTU
Q5T85A	SUSE Linux Enterprise High Availability Extension 1-2 Sockets 5yr Subscription Flexible LTU
S0E93AAE	SUSE Linux Enterprise Micro 1-16 Cores 1-year Subscription 24x7 Support E-LTU
S0E94AAE	SUSE Linux Enterprise Micro 1-16 Cores 3-year Subscription 24x7 Support E-LTU
S0E95AAE	SUSE Linux Enterprise Micro 1-16 Cores 5-year Subscription 24x7 Support E-LTU
S7N98AAE	SUSE Linux Enterprise Server 1 VM 1-year Subscription 24x7 Support E-LTU
S7N99AAE	SUSE Linux Enterprise Server 1 VM 3-year Subscription 24x7 Support E-LTU
S7P00AAE	SUSE Linux Enterprise Server 1 VM 5-year Subscription 24x7 Support E-LTU
S7N95AAE	SUSE Linux Enterprise Server 1-2 Sockets 1-year Subscription 24x7 Support E-LTU
S7N96AAE	SUSE Linux Enterprise Server 1-2 Sockets 3-year Subscription 24x7 Support E-LTU
S7N97AAE	SUSE Linux Enterprise Server 1-2 Sockets 5-year Subscription 24x7 Support E-LTU
R8V74AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 1-year 9x5 E-LTU
R8V74A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 1-year 9x5 Flexible LTU
R8V76AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 1-year 24x7 E-LTU
R8V76A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 1-year 24x7 Flexible LTU
R8V75AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 3-year 9x5 E-LTU
R8V75A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 3-year 9x5 Flexible LTU
R8V77AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 3-year 24x7 E-LTU
R8V77A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 3-year 24x7 Flexible LTU
S0F24AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 5-year 9x5 E-LTU
R8V79A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 5-year 9x5 Flexible LTU
R8V78AAE	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 5-year 24x7 E-LTU
R8V78A	SUSE Linux Enterprise Server 1-2 Sockets Unlimited VM w/Live Patching 5-year 24x7 Flexible LTU
S7N77AAE	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 3yr Sub 24x7 Sup E-LTU
S7N87A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 3yr Sub 24x7 Sup Flex LTU
S7P10A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 3yr Sub 24x7 Sup Flex LTU
S7N78AAE	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 5yr Sub 24x7 Sup E-LTU
S7N88A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 5yr Sub 24x7 Sup Flex LTU
S7P11A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets Unlimited VM 5yr Sub 24x7 Sup Flex LTU
S7N75AAE	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 3-year Sub 24x7 Sup E-LTU
S7P12A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 3-year Sub 24x7 Sup Flex LTU
S7N85A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 3-year Sub 24x7 Support LTU
S7N76AAE	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 5-year Sub 24x7 Sup E-LTU

S7P13A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 5-year Sub 24x7 Sup Flex LTU
S7N86A	SUSE Linux Enterprise Server for SAP Applications 1-2 Sockets or 1-2 VM 5-year Sub 24x7 Support LTU
S7N80AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 1yr 9x5 E-LTU
S7N90A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 1yr 9x5 LTU
S7N79AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 1yr 24x7 E-LTU
S7N89A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 1yr 24x7 LTU
S7N82AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 3yr 9x5 E-LTU
S7N92A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 3yr 9x5 LTU
S7N81AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 3yr 24x7 E-LTU
S7N91A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 3yr 24x7 LTU
S7N84AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 5yr 9x5 E-LTU
S7N94A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 5yr 9x5 LTU
S7N83AAE	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 5yr 24x7 E-LTU
S7N93A	SUSE Linux Enterprise Server w/SUSE Multi-Linux Mgr Lifecycle Mgmt+ 1-2 Skts/1-2 VM 5yr 24x7 LTU
R8V87AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 1-year 24x7 E-LTU
S0F26AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 1-year 24x7 E-LTU
R8V89AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 3-year 24x7 E-LTU
S0F28AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 3-year 24x7 E-LTU
S0F30AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 5-year 24x7 E-LTU
S0F22AAE	SUSE Manager Lifecycle Management 1-2 Sockets Unlimited VM 5-year 24x7 E-LTU
R8V86AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 1-year 24x7 E-LTU
S0F25AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 1-year 24x7 E-LTU
S0F27AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 3-year 24x7 E-LTU
R8V88AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 3-year 24x7 E-LTU
S0F29AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 5-year 24x7 E-LTU
S0F21AAE	SUSE Manager Lifecycle Management 1-2 Sockets or 1-2 VM 5-year 24x7 E-LTU

Power Management Options

AF569A	HPE C13 - AS3112-3 AU 250V 10Amp 2.5m Power Cord
AF570A	HPE C13 - BS-1363A UK/HK/SG 250V 10Amp 1.83m Power Cord
AF568A	HPE C13 - CEE-VII EU 250V 10Amp 1.83m Power Cord
AF561A	HPE C13 - CNS-690 TW 110V 13Amp 1.83m Power Cord
AF566A	HPE C13 - DK-2.5A DK 250V 10Amp 1.83m Power Cord
AF557A	HPE C13 - GB-1002 CN 250V 10Amp 1.83m Power Cord
AF558A	HPE C13 - IRAM -2073 AR 250V 10A 2.5m Power Cord
AF562A	HPE C13 - IS-1293 IN 240V 6Amp LV 2.0m Power Cord

AF572A	HPE C13 - JIS C8303 JP 100V 12Amp 2.0m Power Cord
AF560A	HPE C13 - KSC- 8305 KR 250V 10Amp 1.83m Power Cord
AF591A	HPE C13 - NBR-14136 BR 250V 10Amp 1.83m Power Cord
AF559A	HPE C13 - Nema 5-15P TH/PH 250V 10Amp 1.83m Power Cord
AF556A	HPE C13 - Nema 5-15P US/CA 110V 10Amp 1.83m Power Cord
AF567A	HPE C13 - SABS-164 ZA 250V 10Amp 2.5m Power Cord
AF565A	HPE C13 - SEV 1011 CH 250V 10Amp 1.83m Power Cord
AF564A	HPE C13 - SI-32 IL 250V 10Amp 1.83m Power Cord

Power Supplies

865408-B21	HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
P38995-B21	HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
865438-B21	HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit
P03178-B21	HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit
P17023-B21	HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit
P38997-B21	HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
P44712-B21	HPE 1800W-2200W Flex Slot Titanium Hot Plug Power Supply Kit

Private and Hybrid Cloud

S7P79AAE	HPE Compute Ops Management Advanced 3-year SaaS for Smart Choice
S5E59AAE	HPE Compute Ops Management Advanced 3-year Upfront ProLiant SaaS
S7P80AAE	HPE Compute Ops Management Advanced 5-year SaaS for Smart Choice
S5E60AAE	HPE Compute Ops Management Advanced 5-year Upfront ProLiant SaaS
S7P81AAE	HPE Compute Ops Management Advanced 7-year SaaS for Smart Choice
S5E61AAE	HPE Compute Ops Management Advanced 7-year Upfront ProLiant SaaS
R6Z73AAE	HPE Compute Ops Management Base SaaS
R7A10AAE	HPE Compute Ops Management Standard 1-year Upfront ProLiant SaaS
S7P76AAE	HPE Compute Ops Management Standard 3-year SaaS for Smart Choice
R7A11AAE	HPE Compute Ops Management Standard 3-year Upfront ProLiant SaaS
S7P77AAE	HPE Compute Ops Management Standard 5-year SaaS for Smart Choice
R7A12AAE	HPE Compute Ops Management Standard 5-year Upfront ProLiant SaaS
S7P78AAE	HPE Compute Ops Management Standard 7-year SaaS for Smart Choice

Processors

P47224-B21	HPE ProLiant ML350 Gen11 Performance Heat Sink Kit
P47223-B21	HPE ProLiant ML350 Gen11 Standard Heat Sink Kit
P67100-B21	Intel Xeon-Bronze 3508U 2.1GHz 8-core 125W Processor for HPE
P49639-B21	Intel Xeon-Gold 5411N 1.9GHz 24-core 165W Processor for HPE

P49597-B21	Intel Xeon-Gold 5415+ 2.9GHz 8-core 150W Processor for HPE
P49653-B21	Intel Xeon-Gold 5416S 2.0GHz 16-core 150W Processor for HPE
P49612-B21	Intel Xeon-Gold 5418Y 2.0GHz 24-core 185W Processor for HPE
P67079-B21	Intel Xeon-Gold 5515+ 3.2GHz 8-core 165W Processor for HPE
P67094-B21	Intel Xeon-Gold 5520+ 2.2GHz 28-core 205W Processor for HPE
P49620-B21	Intel Xeon-Gold 6416H 2.2GHz 18-core 165W Processor for HPE
P49621-B21	Intel Xeon-Gold 6418H 2.1GHz 24-core 185W Processor for HPE
P49641-B21	Intel Xeon-Gold 6421N 1.8GHz 32-core 185W Processor for HPE
P49598-B21	Intel Xeon-Gold 6426Y 2.5GHz 16-core 185W Processor for HPE
P49614-B21	Intel Xeon-Gold 6430 2.1GHz 32-core 270W Processor for HPE
P49601-B21	Intel Xeon-Gold 6434 3.7GHz 8-core 195W Processor for HPE
P49615-B21	Intel Xeon-Gold 6438Y+ 2.0GHz 32-core 205W Processor for HPE
P49599-B21	Intel Xeon-Gold 6442Y 2.6GHz 24-core 225W Processor for HPE
P49622-B21	Intel Xeon-Gold 6448H 2.4GHz 32-core 250W Processor for HPE
P67080-B21	Intel Xeon-Gold 6526Y 2.8GHz 16-core 195W Processor for HPE
P67095-B21	Intel Xeon-Gold 6530 2.1GHz 32-core 270W Processor for HPE
P67083-B21	Intel Xeon-Gold 6534 3.9GHz 8-core 195W Processor for HPE
P67104-B21	Intel Xeon-Gold 6538N 2.1GHz 32-core 205W Processor for HPE
P67096-B21	Intel Xeon-Gold 6538Y+ 2.2GHz 32-core 225W Processor for HPE
P67081-B21	Intel Xeon-Gold 6542Y 2.9GHz 24-core 250W Processor for HPE
P67105-B21	Intel Xeon-Gold 6548N 2.8GHz 32-core 250W Processor for HPE
P67082-B21	Intel Xeon-Gold 6548Y+ 2.5GHz 32-core 250W Processor for HPE
P67110-B21	Intel Xeon-Gold 6554S 2.2GHz 36-core 270W Processor for HPE
P49625-B21	Intel Xeon-Platinum 8444H 2.9GHz 16-core 270W Processor for HPE
P49607-B21	Intel Xeon-Platinum 8480+ 2.0GHz 56-core 350W Processor for HPE
P49630-B21	Intel Xeon-Platinum 8490H 1.9GHz 60-core 350W Processor for HPE
P67097-B21	Intel Xeon-Platinum 8558 2.1GHz 48-core 330W Processor for HPE
P67108-B21	Intel Xeon-Platinum 8558P 2.7GHz 48-core 350W Processor for HPE
P67086-B21	Intel Xeon-Platinum 8568Y+ 2.3GHz 48-core 350W Processor for HPE
P67087-B21	Intel Xeon-Platinum 8570 2.1GHz 56-core 350W Processor for HPE
P67088-B21	Intel Xeon-Platinum 8580 2.0GHz 60-core 350W Processor for HPE
P67109-B21	Intel Xeon-Platinum 8581V 2.0GHz 60-core 270W Processor for HPE
P67089-B21	Intel Xeon-Platinum 8592+ 1.9GHz 64-core 350W Processor for HPE
P67107-B21	Intel Xeon-Platinum 8592V 2.0GHz 64-core 330W Processor for HPE
P49610-B21	Intel Xeon-Silver 4410Y 2.0GHz 12-core 150W Processor for HPE
P49611-B21	Intel Xeon-Silver 4416+ 2.0GHz 20-core 165W Processor for HPE

P67090-B21	Intel Xeon-Silver 4509Y 2.6GHz 8-core 125W Processor for HPE
P67091-B21	Intel Xeon-Silver 4510 2.4GHz 12-core 150W Processor for HPE
P67092-B21	Intel Xeon-Silver 4514Y 2.0GHz 16-core 150W Processor for HPE
P67093-B21	Intel Xeon-Silver 4516Y+ 2.2GHz 24-core 185W Processor for HPE

Rack Options

P36877-B21	HPE 1600W -48VDC Power Cable Lug Kit

Server accelerators

R8T26C	NVIDIA A16 64GB PCIe Non-CEC Accelerator for HPE
S0K89C	NVIDIA L4 24GB PCIe Accelerator for HPE
S2L70C	NVIDIA L40S 48GB PCIe Accelerator
S5T74C	NVIDIA RTX A1000 8GB PCIe Accelerator for HPE

Server management software

512485-B21	HPE iLO Advanced 1-server License with 1yr Support on iLO Licensed Features
BD505A	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features
E6U59ABE	HPE iLO Advanced Electronic License with 1yr Support on iLO Licensed Features
E6U64ABE	HPE iLO Advanced Electronic License with 3yr Support on iLO Licensed Features
S3Q39AAE	Intel Virtual RAID on CPU RAID 1 E-RTU for HPE

Server Riser Cards/Extenders

P47238-B21	HPE ProLiant Compute ML350 Gen11/Gen12 2x16 Secondary Riser Kit
P48407-B21	HPE ProLiant Compute ML350 Gen11/Gen12 4x8 Secondary Riser Kit
P49693-B21	HPE ProLiant ML350 Gen11 2x8 Tertiary Riser Kit

Storage Media

C7976A	HPE LTO-6 Ultrium 6.25TB RW Data Cartridge
C7977A	HPE LTO-7 Ultrium 15TB RW Data Cartridge
Q2078A	HPE LTO-8 Ultrium 30TB RW Data Cartridge
Q2079A	HPE LTO-9 Ultrium 45TB RW Data Cartridge

Switches

R9W89A	HPE Networking CX8100 24x10G Base-T 4x10G SFP+ 4x40/100G QSFP28 BF 3xFan 2AC PSU Switch Bundle
R9W88A	HPE Networking CX8100 24x10G Base-T 4x10G SFP+ 4x40/100G QSFP28 FB 3xFan 2AC PSU Switch Bundle
R9W93A	HPE Networking CX8100 40x10G Base-T 8x10G SFP+ 4x40/100G QSFP28 BF 3xFan 2AC PSU Switch Bundle
R9W92A	HPE Networking CX8100 40x10G Base-T 8x10G SFP+ 4x40/100G QSFP28 FB 3xFan 2AC PSU Switch Bundle
JL625A	HPE Networking CX8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6xFan 2xPSU Switch Bundle

JL624A	HPE Networking CX8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6xFan 2xPSU Switch Bundle
S4B21A	HPE Networking CX8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch
S4B20A	HPE Networking CX8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU Switch

Tape Storage

BC023A	HPE StoreEver LTO-8 Ultrium 30750 External Tape Drive
BC022A	HPE StoreEver LTO-8 Ultrium 30750 Internal Tape Drive
BC042A	HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive
BC040A	HPE StoreEver LTO-9 Ultrium 45000 Internal Tape Drive

Transceiver Options

845398-B21	HPE 25Gb SFP28 SR 100m Transceiver
845966-B21	HPE 100Gb QSFP28 MPO SR4 100m Transceiver
Q8J73A	HPE 100GbE QSFP28 500m 1310mm PSM4 Transceiver
Q2F19A	HPE 100GbE QSFP28 SR4 100m Transceiver
Q9S71A	HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable
453154-B21	HPE BladeSystem CClass Virtual Connect 1G SFP RJ45 Transceiver
455886-B21	HPE BladeSystem c-Class 10Gb SFP+ LR Transceiver
455883-B21	HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver
453151-B21	HPE BladeSystem c-Class Virtual Connect 1G SFP SX Transceiver

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

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Experts can help you map out your path to hybrid cloud and optimize your operations.

Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

Support services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

— **HPE Complete Care Service:** a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.

— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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