Overview

HPE ProLiant DL385 Gen10 Plus v2 - Carrier Grade Supplement

NEBS Level 3 and ETSI Certified

This section lists some of the steps required to configure a Factory Integrated Model compliant with typically requested telecom carrirer NEBS and ETSI requirements. In addition to the worldwide compliance criteria applied to the commercial version of the product, all components listed in this document have been evaluated to the following criteria: SR-3580, Level 3, NEBS Criteria Levels

- GR-1089-CORE, EMC & Electrical Safety
- GR-63-CORE, Physical Protections
- ETSI EN 300 386, Class A, EMC
- ETSI EN 300 019-2-1, Class 1.2, Storage
- ETSI EN 300 019-2-2, Class 2.3, Transportation
- ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationiary Use at Weather protected locations
- ETSI 300 132, Power Suppply Interface to Telecom Equipment, -48VDC
- ETSI ETS 300 753, Acoustic Noise

To ensure only 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. All Factory Integrated Models will be populated with sufficient hard drive blanks based on the number of initial hard drives ordered with the server. Some options may not be integrated at the factory. Contact your local sales representative for additional information.

Notes:

— To yield a carrier grade server that is compliant with all the required technical criteria, the product content is limited to what is listed in this document. In addition to this, the system maintenance switch #10 must be turned to the "ON" position to enable the expanded operating temperature range and hardware from the following kits MUST be installed:
  - o HPE DL38X Gen10 Plus Maximum Performance Fan Kit - P14608-B21
  - o HPE DL38X Gen10 Plus High Performance Heat Sink Kit - P14610-B21
  - o HPE DL38X Gen10 Plus Primary NEBS-compliant Riser Kit - P14575-B21
  - o HPE DL38X Gen10 Plus Tertiary NEBS-compliant Riser Kit - P14577-B21

Please refer to the HPE DL365 Gen10 Plus Carrier Grade Conversion documentation on the HPE web site: **http://www.hpe.com/services/hpsc**

Hewlett Packard Enterprise

Standard Features

Processors Up to 2 of the following depending on model.
Notes: For more information regarding AMD EPYC processors, please see the following:
https://www.amd.com/en/products/epyc

AMD EPYC Processor	Cores	Base Frequency	Max Frequency	Max Memory	Wattage	Cache	Memory
EPYC 7763	64	2.45 GHz	3.5 GHz	4TB	280W	256MB	3200MT/s
EPYC 7713	64	2.0 GHz	3.675 GHz	4TB	225W	256MB	3200MT/s
EPYC 7663	56	2.0 GHz	3.5 GHz	4TB	240W	256MB	3200MT/s
EPYC 7643	48	2.3 GHz	3.6 GHz	4TB	225W	256MB	3200MT/s
EPYC 7543	32	2.8 GHz	3.7 GHz	4TB	225W	256MB	3200MT/s
EPYC 7513	32	2.6 GHz	3.65 GHz	4TB	200W	128MB	3200MT/s
EPYC 7443	24	2.85 GHz	4.0 GHz	4TB	200W	128MB	3200MT/s
EPYC 7413	24	2.65 GHz	3.6 GHz	4TB	180W	128MB	3200MT/s
EPYC 7313	16	3.0 GHz	3.7 GHz	4TB	155W	128MB	3200MT/s

Notes: All AMD EPYC processors can support up to 4TB of memory each

Configuration Information

European Union (EU) eco-design regulations for server and storage products, known as Lot 9, go into effect on March 1st, 2020. Among other requirements, for servers this directive establishes power thresholds for idle state, as well as efficiency and performance in active state which vary among configurations. HPE ProLiant Gen10 servers are compliant with Lot9 requirements.

For more information regarding HPE Lot 9 conformance, please visit:
https://www.hpe.com/us/en/about/environment/msds-specs-more.html

This section lists some of the steps required to configure a Factory Integrated Model. To ensure only 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.
- All Factory Integrated Models will be populated with sufficient hard drive blanks based on the number of initial hard drives ordered with the server.
- Some options may not be integrated at the factory. Contact your local sales representative for additional information.

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

CTO Server	**HPE ProLiant DL385 Gen10 Plus v2 8 SFF CTO Server**
SKU Number	P38411-B21
Processor	Not included as standard
DIMM Slots	32-DIMM slots**
Storage Controller	Choice of HPE modular Smart Array and PCIe plug-in controller
PCIe	Three standard in primary riser, upto Eight slots with 2 processors
Drive Cage - included	8 SFF
Network Controller	Choice of OCP or stand up card
Fans	4-Standard
Management	HPE iLO with Intelligent Provisioning (standard), iLO Advanced and OneView (optional)
USB	1x 3.0 standard plus iLo front service port

Notes:

– ** 32 DIMM slots require selection of 2 processors
– 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).
– TAA compliant configuration requires TAA versions of the CTO Server SKUs.
– All CTO servers are Energy Star 3.0 compliant.

Configuration Information

CTO Server	8 SFF CTO Chassis
Included Drive Cage	1x 8 SFF SAS/SATA
Universal Media Bay	Optional
ODD	Optional
8 SFF SAS/SATA Drive Cage	Up to 2 Additional
8 SFF SAS/SATA/NVMe (Mid-tray)	Up to 1 Optional
8 SFF NVMe U.3 Drive Cage	Up to 3
8 SFF NVME U.2 Drive Cage	Up to 3
2 SFF SATA/NVMe (Stacked/Front)	1 Optional
2 SFF SATA/NVMe (Side-by-side/Front)	Not available
2 SFF SAS/SATA/NVMe (Rear)	2 Optional
4 LFF SAS/SATA (Mid-tray)	Not available
2 LFF SAS/SATA (Rear)	Not available

Step 2: Choose Required Options (only one of the following unless otherwise noted)
Please select one –B21 processor required below.

For second processor, please select the same processor model with –B21 from Core Options – HPE Processors section.

For example: first processor, select P38696-B21 then for second processor, select P38696-B21 as well.
Notes:
–   Mixing of 2 different processor models are NOT allowed.
–   Processor kits don't include heat sink and fans.

Step 2a: Choose Processors
Processor Option Kits

Description	SKU
AMD EPYC 7763 2.45GHz 64-core 280W Processor for HPE	P38696-B21
AMD EPYC 7713 2.0GHz 64-core 225W Processor for HPE	P38693-B21
AMD EPYC 7663 2.0GHz 56-core 240W Processor for HPE	P38690-B21
AMD EPYC 7643 2.3GHz 48-core 225W Processor for HPE	P39365-B21
AMD EPYC 7543 2.8GHz 32-core 225W Processor for HPE	P38687-B21
AMD EPYC 7513 2.6GHz 32-core 200W Processor for HPE	P38684-B21
AMD EPYC 7443 2.85GHz 24-core 200W Processor for HPE	P38681-B21
AMD EPYC 7413 2.65GHz 24-core 180W Processor for HPE	P38675-B21
AMD EPYC 7313 3.0GHz 16-core 155W Processor for HPE	P38669-B21
AMD EPYC 72F3 3.7GHz 8-core 180W Processor for HPE	P38699-B21

Step 2b: Choose Memory Options
Please select one or more memory from below.

For new Gen10 Plus memory population rule whitepaper and optimal memory performance guidelines, please go to:
http://www.hpe.com/docs/amd-population-rules-Gen10Plus

For Gen10 Plus memory speed table, please go to: **http://www.hpe.com/docs/amd-speed-table-Gen10Plus**
Notes:
–   Memory DIMM availability with a server platform is dependent upon completion of certification testing.
–   The maximum memory speed is a function of the memory type, memory configuration, and processor model.
–   System may throttle if ambient temp. is over 30C.

Configuration Information

— Memory compatibility may vary or be limited within a specific server family depending upon the specific configuration being requested. Because each server environment and requirements can vary, memory compatibility is based not only upon the server family, but may also be affected by the amount and type of additional hardware options installed within a specific server configuration. For this reason, some HPE memory DIMMs may be qualified for a server model or family and yet occasionally not be supported with limited configurations within that server family. Please consult with the HPE server Quickspecs or your HPE representative if you have any questions regarding memory compatibility with a specific HPE server configuration.

Registered DIMMs (RDIMMs)

Description	SKU
HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07638-B21
HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit.	P07640-B21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07642-B21
HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07646-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07650-B21
HPE 128GB (1x128GB) Quad Rank x4 DDR4-3200 CAS-22-22-22 Load Reduced Smart Memory Kit	P07652-B21

Notes: Mixing of x4 & x8 memory is not allowed

Memory Blank Kit

HPE DDR4 DIMM Blank Kit	P07818-B21

Step 2c: Choose Power Supplies
Select one or two power supplies from below.
Notes: Mixing of 2 different power supplies is NOT allowed.

HPE Flex Slot Power Supplies

HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	865438-B21
HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38995-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	865428-B21
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21
HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit	P17023-B21
HPE 1600W -48VDC Power Cable Lug Kit	P36877-B21

Notes:
— HPE 1600W DC PSU Power Lug Option Kit (P36877-B21) or HPE 1600W DC PSU Power Cable Kit (P22173-B21) is to be used with HPE 1600W Flex Slot -48VDC Power Supply Kit
— Only one power cable lug kit needs to be selected with the power supply

Notes:
— 1600W Power supplies only support high line voltage (200VAC to 240VAC).
— Prior to making a power supply selection it is highly recommended that the HPE Power Advisor is run to determine the right size power supply for your server configuration. The HPE Power Advisor is located at:**http://www.hpe.com/info/poweradvisor**.
— All power supplies in a server should match. Mixing Power Supplies is not supported.
— HPE ProLiant servers ship with an IEC-IEC power cord used for rack mounting with Power Distribution Units (PDUs). Visit **HPE power cords** for a full list of optional power cords.

Configuration Information

Step 3: Choose Additional Factory Integratable Options
One of the following from each list may be selected if desired at time of factory integration

HPE Unique Options

Description	SKU
HPE DL38X Gen10 Plus Primary NEBS-compliant Riser Kit	P14575-B21

Notes: This riser kit contains a primary riser PCA with 3 slots for x8/x16/x8

HPE DL38X Gen10 Plus Tertiary NEBS-compliant Riser Kit	P14577-B21
HPE ProLiant DL385 Gen10 Plus v2 8NVMe U.2 2P Balance FIO Bundle Kit	P42088-B21

Notes:
— This is a trigger SKU having the below options bundled together . This bundle SKU needs to be selected in order to support 8 U.2 NVMe drives balanced across 2 processors
— When this option is selected the following options MUST be populated in the config:
   o   HPE DL Gen10 Plus 8NVMe CPU1/2 Cable kit (P22829-B21) Qty-1
   o   HPE DL300 Gen10 Plus 8SFF x4 U.2 Basic Carrier Drive Cage Kit (P26932-B21) Qty-1
   o   HPE DL Gen10 Plus Max Perf Fan (P14608-B21) Qty-1
   o   Must select 2nd Processor
— This option and HPE DL38X Gen10+ Slot1 x16 Slot2/3 Kit (P14600-B21) CAN NOT be selected together
— When this option is selected HPE DL38X Gen10+ High Perf Heat Sink Kit (P14610-B21) MUST be selected

HPE DL38X Gen10 8 SFF Front Cage Removal FIO Option	873763-B21

Notes:
— This is a factory integrated only option.
— Will remove the default 8SFF cage in Box 3 of the 8SFF and replace with a Box blank.

Step 4: Choose additional options for Factory Integration from Core and Additional Options sections below

Core Options

Some options may not be integrated at the factory. To ensure only valid configurations are ordered, Hewlett Packard Enterprise recommends the use of an HPE approved configurator. Contact your local sales representative for additional information.

HPE Unique Options

Description	SKU
HPE DL38X Gen10 Plus System Insight Display Kit	P14611-B21
HPE DL38X Gen10 Plus Maximum Performance Fan Kit	P14608-B21
HPE DL38X Gen10 Plus High Performance Heat Sink Kit	P14610-B21

HPE Processors

Processor Option Kits

Notes:
− Mixing of 2 different processor models are NOT allowed.
− Processor kits don't include heat sink and fans.

AMD EPYC 7763 2.45GHz 64-core 280W Processor for HPE	P38696-B21
AMD EPYC 7713 2.0GHz 64-core 225W Processor for HPE	P38693-B21
AMD EPYC 7663 2.0GHz 56-core 240W Processor for HPE	P38690-B21
AMD EPYC 7643 2.3GHz 48-core 225W Processor for HPE	P39365-B21
AMD EPYC 7543 2.8GHz 32-core 225W Processor for HPE	P38687-B21
AMD EPYC 7513 2.6GHz 32-core 200W Processor for HPE	P38684-B21
AMD EPYC 7443 2.85GHz 24-core 200W Processor for HPE	P38681-B21
AMD EPYC 7413 2.65GHz 24-core 180W Processor for HPE	P38675-B21
AMD EPYC 7313 3.0GHz 16-core 155W Processor for HPE	P38669-B21

Memory Selection

To streamline the configuration process for HPE ProLiant Gen10 Plus servers and to provide the best product availability, Hewlett Packard Enterprise recommends memory from the list located here: **http:hpe.com/products/recommend**.
Best product availability is limited to US, Canada, and Latin America at this time.

HPE Memory

Notes: Memory compatibility may vary or be limited within a specific server family depending upon the specific configuration being requested. Because each server environment and requirements can vary, memory compatibility is based not only upon the server family, but may also be affected by the amount and type of additional hardware options installed within a specific server configuration. For this reason, some HPE memory DIMMs may be qualified for a server model or family and yet occasionally not be supported with limited configurations within that server family. Please consult with the HPE server Quickspecs or your HPE representative if you have any questions regarding memory compatibility with a specific HPE server configuration.

Registered DIMMs (RDIMMs)

HPE 8GB (1x8GB) Single Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07638-B21
HPE 16GB (1x16GB) Single Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit.	P07640-B21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07642-B21
HPE 32GB (1x32GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07646-B21
HPE 64GB (1x64GB) Dual Rank x4 DDR4-3200 CAS-22-22-22 Registered Smart Memory Kit	P07650-B21

Load Reduced DIMMs (LRDIMMs)

HPE 128GB (1x128GB) Quad Rank x4 DDR4-3200 CAS-22-22-22 Load Reduced Smart Memory Kit	P07652-B21

Core Options

HPE Drives

Enterprise - 12G SAS - SFF Drives

Description	SKU
HPE 300GB SAS 12G Mission Critical 15K SFF BC 3-year Warranty Multi Vendor HDD	P28028-B21
HPE 300GB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD	P40430-B21
HPE 900GB SAS 12G Mission Critical 15K SFF BC 3-year Warranty Multi Vendor HDD	P40432-B21
HPE 1.2TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty Multi Vendor HDD	P28586-B21
HPE 2.4TB SAS 12G Mission Critical 10K SFF BC 3-year Warranty 512e Multi Vendor HDD	P28352-B21

SSD Selection

To streamline the configuration process for HPE ProLiant Gen10 Plus servers and to provide the best product availability, HPE recommends SSDs from the list located here: **http://www.hpe.com/products/recommend**.

Mixed Use - 6G SATA - SFF - Solid State Drives

HPE 480GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40502-B21
HPE 960GB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40503-B21
HPE 1.92TB SATA 6G Mixed Use SFF BC Multi Vendor SSD	P40504-B21

Read Intensive - 6G SATA - SFF - Solid State Drives

HPE 240GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40496-B21
HPE 480GB SATA 6G Read Intensive SFF BC Multi Vendor SSD	P40497-B21

Mixed Use - NVMe - SFF - Solid State Drives

HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 CM6 SSD	P40493-B21

Hard Drive Blank Kits

HPE Small Form Factor Hard Drive Blank Kit	666987-B21

Hard Drive Kits

HPE ProLiant DL300 Gen10 Plus 2U 8SFF SAS/SATA 12G BC Front Bay 1/2 Drive Cage Kit	P26930-B21

Notes:
— Supported only on 8 SFF Model.
— Maximum up to 2 drive cages can be selected.

HPE Networking

1 Gigabit Ethernet adapters

Intel I350-T4 Ethernet 1Gb 4-port BASE-T Adapter for HPE	P21106-B21

10 Gigabit Ethernet adapters

Marvell QL41132HLRJ Ethernet 10Gb 2-port BASE-T Adapter for HPE	P08437-B21
Marvell QL41132HLCU Ethernet 10Gb 2-port SFP+ Adapter for HPE	P21933-B21
Marvell QL41134HLCU Ethernet 10Gb 4-port SFP+ Adapter for HPE	P10094-B21
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T Adapter for HPE	P26253-B21
Broadcom BCM57412 Ethernet 10Gb 2-port SFP+ Adapter for HPE	P26259-B21

10/25 Gigabit Ethernet adapters

Mellanox MCX512F-ACHT Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P13188-B21
Marvell QL41232HLCU Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P22702-B21
Broadcom BCM57414 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P26262-B21
Intel E810-XXVDA2 Ethernet 10/25Gb 2-port SFP28 Adapter for HPE	P08443-B21

100/200 Gigabit Ethernet adapters

Mellanox MCX623106AS-CDAT Ethernet 100Gb 2-port QSFP56 Adapter for HPE	P25960-B21
Mellanox MCX623105AS-VDAT Ethernet 200Gb 1-port QSFP56 Adapter for HPE	P10180-B21

Core Options

OCP Adapters

Description	SKU
Intel I350-T4 Ethernet 1Gb 4-port BASE-T OCP3 Adapter for HPE	P08449-B21
Marvell QL41132HQCU Ethernet 10Gb 2-port SFP+ OCP3 Adapter for HPE	P08452-B21
Broadcom BCM57416 Ethernet 10Gb 2-port BASE-T OCP3 Adapter for HPE	P10097-B21
Mellanox MCX562A-ACAI Ethernet 10/25Gb 2-port SFP28 OCP3 Adapter for HPE	P10112-B21

Notes: When this OCP card is selected, the OCP Upgrade Cable Kit (P14603-B21) must be selected.

HPE DL385 Gen10 Plus OCP Upgrade Cable Kit	P14603-B21

HPE InfiniBand

HPE InfiniBand HDR100/Ethernet 100Gb 1-port QSFP56 PCIe4 x16 MCX653105A-ECAT Adapter	P23665-B21

HPE Computation and Graphics Accelerator

Part number	Card	Form Factor	QTY per Server	CPU Supported	Max Ambient Temperature			
					8/16 SFF	24 SFF (Or 8 SSF/16 SFF if >1 SFF is NVMe storage	8LFF w/ Power Switch	12LFF
R0W29C	NVIDIA T4 16GB Computational Accelerator for HPE	Single Wide	8	240W or below	35C (>30C may throttle)	35C (>30C may throttle)	35C (>30C may throttle)	25C

NVIDIA T4 16GB Computational Accelerator for HPE	R0W29C

HPE Cooling Options

HPE DL38X Gen10 Plus Maximum Performance Fan Kit	P14608-B21

HPE Power Supplies

HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38995-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	P38997-B21
HPE 1600W Flex Slot -48VDC Hot Plug Power Supply Kit	P17023-B21
HPE 1600W -48VDC Power Cable Lug Kit	P36877-B21

Riser Information

Part number	Description	Riser position			Bus width (Gen4 lanes)			NVMe Direct Connect	
		Primary	Secondary	Tertiary	Top slot	Middle Slot	Bottom slot	Ports	Drive count
P14575-B21	HPE DL38X Gen10 Plus Primary NEBS-compliant Riser Kit	O	O	N	O	O	O	O	O
P14577-B21	HPE DL38X Gen10 Plus Tertiary NEBS-compliant Riser Kit	N	N	O	O	O	O	O	O

Notes: Y = supported; D = default on Chassis; O = optional; N = not supported or slot/connector not present.

Additional Options

HPE Boot Controllers

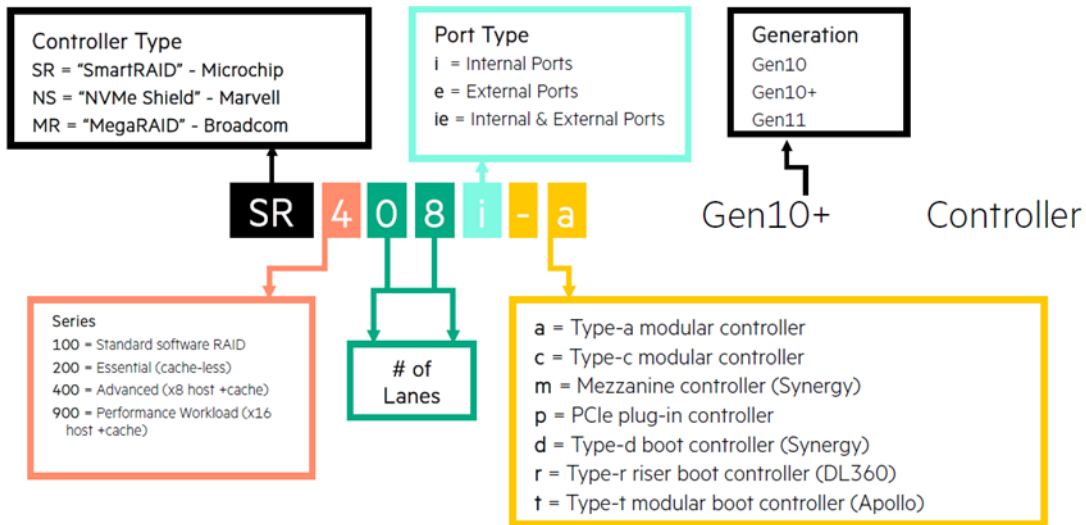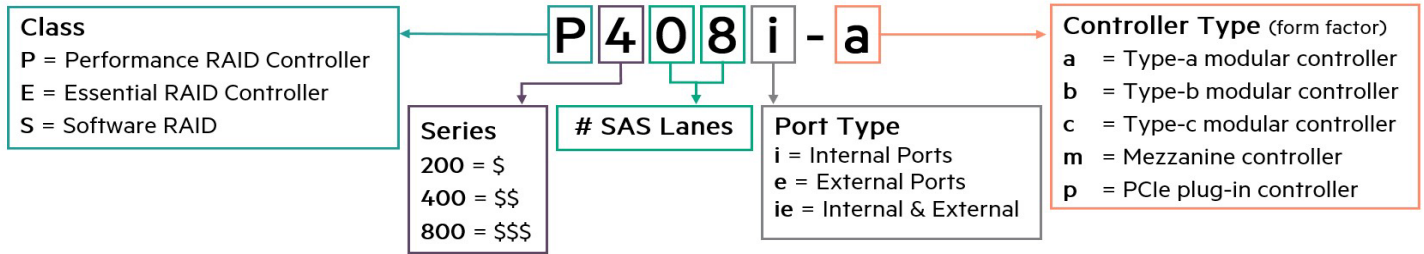| Description	SKU
HPE NS204i-p x2 Lanes NVMe PCIe3 x8 OS Boot Device	P12965-B21

Notes:
— NS204i-p will only be supported in Slot 1 of the primary riser and/or Slot 8 of the tertiary riser
— Legacy Mode setting (758959-B21) and NS204i-p cannot be selected together.

HPE Smart Array Controllers

Additional Options

HPE 96W Smart Storage Battery (up to 20 Devices) with 145mm Cable Kit

Notes: All performance RAID controllers are supported by the HPE Smart Storage Battery (P01366-B21), which supports multiple devices and is sold separately.

Description	SKU
HPE Smart Array P816i-a SR Gen10 (16 Internal Lanes/4GB Cache/SmartCache) 12G SAS Modular Controller	804338-B21

Notes:

– Does not occupy a PCIe expansion slot and includes SmartCache license.
– The P816i-a cable ships in the 12LFF chassis only.

HPE Smart Array P408i-a SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS Modular Controller	804331-B21

Notes: Does not occupy a PCIe expansion slot.

Essential RAID Controllers

HPE Smart Array E208i-a SR Gen10 (8 Internal Lanes/No Cache) 12G SAS Modular Controller	804326-B21

Notes: Does not occupy a PCIe expansion slot.

HPE Cable Options

HPE DL38X Gen10 Plus Rear Serial Cable Kit	P14606-B21
HPE DL38X Gen10 Plus 8NVMe CPU1/2 Cable Kit	P22829-B21
HPE DL38X Gen10 Plus 8NVMe CPU1 Cable Kit	P22834-B21

Notes:

– Maximum q'ty =1
– This cable kit can be selected only with respective NVMe bundle SKUs. Refer to NVMe bundle SKU section above in this document

HPE ProLiant DL300 Gen10 Plus 2U x4 Tri-Mode Cable Kit	P36202-B21

Notes: This cable is to support NVMe U.3/U.2 drive cages with a tri-mode controller, when NVMe configuration is not being built with NVMe bundle SKUs/NVMe direct attach. Refer to OCA for detailed rules.

HPE ProLiant DL38x 8SFF SAS/SATA Tri-Mode Cable Kit	P55467-B21

Notes: For 8SFF Model, maximum q'ty =1

Rail Kits

Notes:

– Easy Install rail kits contain telescoping rails which allow for in-rack serviceability.
– CTO Models do not ship with rail kits, they need to be ordered seperately

HPE DL38X Gen10 Plus 2U SFF Easy Install Rail Kit	P22018-B21

Notes: Supported on SFF Model only

HPE DL38X Gen10 Plus 2U Cable Management Arm for Rail Kit	P22020-B21

HPE USB and SD Options

HPE Enterprise Mainstream Flash Media Kits for Memory Cards

HPE 32GB microSD RAID 1 USB Boot Drive	P21868-B21

Technical Specifications

Environment-friendly Products and Approach - End-of-life Management and Recycling

Hewlett Packard Enterprise offers **end-of-life product return, trade-in, and recycling programs**, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise web site. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.
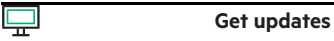
Summary of Changes

Date	Version History	Action	Description of Change
06-Sep-2022	Version 1	New	New QuickSpecs.

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Hewlett Packard
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