Overview

HPE ProLiant DL380 Gen10 Carrier Grade Server
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, system maintenance switch #10 must be turned on to enable the expanded operating temperature range and the hardware from the following kits must be installed:
  1. HPE DL38X Gen10 High Performance Temperature Fan Kit- 867810-B21
  2. All installed PCI risers must be NEBS certified versions:
       o HPE DL38X Gen10 x8/16/8 NEBS Riser Kit - 873209-B21
       o HPE DL38XGen10 x8/16/8 M.2 NEBS Riser Kit - 826701-B21
       o HPE DL38X Gen10 x16 Tertiary NEBS Riser Kit - 826702-B21
— M.2 Riser is only supported in the primary PCI riser location.
   Please refer to the HPE DL380 Gen10 Carrier Grade Conversion documentation on the HPE web site:
   http://www.hpe.com/services/hpsc

Hewlett Packard Enterprise

Configuration Information

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

CTO Server	HPE ProLiant DL380 Gen10 8 SFF CTO Server
SKU Number	868703-B21
TAA SKU	875782-B21
Processor	Not included as standard
DIMM Slots	24-DIMM slots
Storage Controller	Embedded SW RAID with 14 SATA ports (12-ports accessible), choice of HPE modular Smart Array and PCIe plug-in controller
PCIe	Three standard in primary riser (with dual M.2 support)
Drive Cage - included	8 SFF
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card
Fans	4-Standard
Management	HPE iLO with Intelligent Provisioning (standard), iLO Advances and OneView (optional)
USB	1x 3.0 standard plus iLo front service port

Notes:
— 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 chassis are only orderable in North America and Canada.
— All CTO servers are Energy Star 2.1 compliant.

Step 2: Choose Required Options (only one of the following unless otherwise noted)

Please select one –L21 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 874752-L21 then for second processor, select 874752-B21.

Notes:
— 8SFF CTO 1P models ship with 4 standard fans. The second processor option kit contains 2 additional fans.
— Maximum memory capacity per processor is dependent on processor models. All processors support up to 768 GB max memory per processor except "M" model processors will support up to 1.5 TB max memory per processor.
— Mixing of 2 different processor models are NOT allowed.
— DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of DIMMs installed.

Step 2a: Choose Processors

Processor Option Kits (Required Processor)

Notes: Field upgrades from 1st generation processors (x1xx) to 2nd generation processors (x2xx) not supported.

2nd Generation Intel Xeon-Platinum

Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02521-L21

Notes: Does not ship with High Performance Heatsink

2nd Generation Intel Xeon-Gold

Intel Xeon-Gold 6252N (2.3GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P11829-L21
Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02516-L21
Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02502-L21

Notes: Does not ship with High Performance Heatsink

Configuration Information

Intel Xeon-Gold 6212U (2.4GHz/24-core/165W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P11825-L21

Notes: 2-processor configurations NOT supported with this processor; NEBS Secondary and Tiertiary Risers NOT supported.

Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02499-L21

Notes: Does not ship with High Performance Heatsink

Intel Xeon-Gold 5218N (2.3GHz/16-core/110W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P11831-L21

Notes: Does not ship with High Performance Heatsink

Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02498-L21

Notes: Does not ship with High Performance Heatsink

2nd Generation Intel Xeon-Silver

Notes:
— Field upgrades from 1st generation processors (x1xx) to 2nd generation processors (x2xx) is NOT supported.
— All of the Xeon-Silver models listed below do NOT ship with Performance Heatsink option

Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02495-L21
Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02493-L21
Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02492-L21
Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02491-L21

2nd Generation Intel Xeon-Bronze

Notes:
— Field upgrades from 1st generation processors (x1xx) to 2nd generation processors (x2xx) is NOT supported.
— All of the Xeon-Bronze models listed below do NOT ship with Performance Heatsink option

Intel Xeon-Bronze 3204 (1.9GHz/6-core/85W) FIO Processor Kit for HPE ProLiant DL380 Gen10	P02489-L21

Step 2b: Choose Memory Options

Please select one or more memory from below.
For new Gen10 memory population rule whitepaper and optimal memory performance guidelines, please go to:
https://www.hpe.com/docs/memory-population-rules
For Gen10 memory speed table, please go to: **https://www.hpe.com/docs/memory-speed-table**
For memory Reliability, Accessibility, Serviceability (RAS) features whitepaper like Gen10 Fast Fault Tolerance and legacy mirrored memory feature etc. please go to: **http://www.hpe.com/docs/memory-ras-feature**

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.

Registered DIMMs (RDIMMs)

HPE 8GB (1x8GB) Single Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P00918-B21
HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P00920-B21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P00922-B21
HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P00924-B21

Configuration Information

HPE 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	P00930-B21
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	835955-B21
HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	815100-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 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21

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 Security Options

HPE Trusted Platform Module 2.0 Gen10 Option	864279-B21

Notes:
- HPE Trusted Platform Module 2.0 option works with Gen10 servers with UEFI Mode not Legacy Mode. It is not compatible with HPE ProLiant Gen8 servers or earlier generation variants.
- HPE server systems can have a TPM module (of any type) installed only once. It cannot be replaced with any other TPM module.

HPE Gen10 TPM 1.2 FIO Setting	872108-B21

Notes: TPM 2.0 is set as default, for 1.2 TPM setting instead, please select this option.

HPE Unique Options

HPE DL380 Gen10 x8/x16/x8 M.2 NEBS Riser Kit	826701-B21

Notes:
- Primary Riser Slot 1.
- Supports Full Height and Full length cards.
- Bus width x16, x16, Connector Width x16, x16.

HPE DL38X Gen10 x8/x16/x8 PCIe NEBS Riser Kit	873209-B21

Notes:
- Secondary Riser, Connector in slot 2 & 3 for GPU support.
- Supports Full Height and Full length cards.
- Bus width x16, x16, Connector Width x16, x16.

HPE DL380 Gen10 x16 Tertiary NEBS Riser	826702-B21

Notes:
- Supports 1x 16 slot in the Tertiary location.
- Supports Full Height and full-length card.
- Bus width x16 Connector Width x16.

HPE DL38X Gen10 2SFF Premium HDD Front NVMe or Front/Rear SAS/SATA Kit	826687-B21

Notes:
- HPE DL38X Gen10 Universal Media Bay Kit (826708-B21).
- Drive cage can only be used in the front of the chassis for NEBS Compliance.

Configuration Information

Hard Drive Kits

HPE DL38X Gen10 SFF Box1/2 Cage/Backplane Kit   826691-B21

Notes: Supports 8 SAS/ SATA SFF drives in Box 1 or 2

HPE Small Form Factor Hard Drive Blank Kit   666987-B21

Media Bay Kits

HPE DL38X Gen10 Universal Media Bay Kit   826708-B21

Notes:

- The HPE DL380 Gen10 Universal Media bay provides front Display Port and 2xUSB 2.0; plus support for 2x SFF front drives or 2 NVME front drives (826687-B21, riser required) and ODD support (Not included); and can only be located in Box1 in either an 8 SFF model.
- This is a SFF model option only.

HPE Optical Drives

HPE 9.5mm SATA DVD-RW Optical Drive   726537-B21

Notes: The Universal Media Bay (826708-B21) is required for this option on a SFF model.

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. Note the **http://www.hpe.com/info/CablingMatrixGen10** can help to explain the cable routing for each option:

HPE Unique Options

HPE DL38X Gen10 Universal Media Bay Kit   826708-B21

Notes:
— The HPE DL380 Gen10 Universal Media bay provides front Display Port and 2xUSB 2.0; can only be located in Box1 in either an 8 SFF model.
— This is a SFF model option only.

HPE DL380 Gen10 High Performance Heat Sink Kit   826706-B21

Notes: This kit contains 2 High Performance Heatsinks.

HPE DL38X Gen10 High Performance Temperature Fan Kit   867810-B21

Notes:
— This kit is required for specific **Ambient temperature environments**, coming in 2H2017.
— This kit provides maximum cooling for your Server.

HPE DL380 Gen10 SFF Systems Insight Display Kit   826703-B21

Notes: Systems Insight Display no longer ships as standard but is available as a Factory Integrated or field upgrade option.

HPE DL3XX Gen10 Rear Serial Cable and Enablement Kit   873770-B21

HPE Processors

Processor Option Kits

2nd Generation Intel Xeon-Platinum

2nd Generation Intel Xeon-Gold

Intel Xeon-Gold 6252N (2.3GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10   P11829-B21

Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) Processor Kit for HPE ProLiant DL380 Gen10   P02516-B21

Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) Processor Kit for HPE ProLiant DL380 Gen10   P02502-B21

Notes: Does not ship with High Performance Heatsink

Intel Xeon-Gold 6212U (2.4GHz/24-core/165W) Processor Kit for HPE ProLiant DL380 Gen10   P11825-B21

Notes: 2-processor configurations NOT supported with this processor; NEBS Secondary and Tiertiary Risers NOT supported.

Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) Processor Kit for HPE ProLiant DL380 Gen10   P02499-B21

Notes: Does not ship with High Performance Heatsink

Intel Xeon-Gold 5218N (2.3GHz/16-core/110W) Processor Kit for HPE ProLiant DL380 Gen10   P11831-B21

Notes: Does not ship with High Performance Heatsink

Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) Processor Kit for HPE ProLiant DL380 Gen10   P02498-B21

Notes: Does not ship with High Performance Heatsink

Core Options

2nd Generation Intel Xeon-Silver

Notes:
- Field upgrades from 1ˢᵗ generation processors (x1xx) to 2ⁿᵈ generation processors (x2xx) is NOT supported.
- All of the Xeon-Silver models listed below do NOT ship with Performance Heatsink option

Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) Processor Kit for HPE ProLiant DL380 Gen10	P02495-B21
Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02493-B21
Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02492-B21
Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02491-B21

2nd Generation Intel Xeon-Bronze

Notes:
- Field upgrades from 1ˢᵗ generation processors (x1xx) to 2ⁿᵈ generation processors (x2xx) is NOT supported.
- All of the Xeon-Bronze models listed below do NOT ship with Performance Heatsink option

Intel Xeon-Bronze 3204 (1.9GHz/6-core/85W) Processor Kit for HPE ProLiant DL380 Gen10	P02489-B21

HPE Drives

Enterprise - 12G SAS - SFF Drives

HPE 1.8TB SAS 12G Mission Critical 10K SFF SC 3-year Warranty 512e Multi Vendor HDD	872481-B21
HPE 1.2TB SAS 12G Mission Critical 10K SFF SC 3-year Warranty Multi Vendor HDD	872479-B21
HPE 900GB SAS 12G Mission Critical 15K SFF SC 3-year Warranty Multi Vendor HDD	870759-B21
HPE 600GB SAS 12G Mission Critical 15K SFF SC 3-year Warranty Multi Vendor HDD	870757-B21
HPE 300GB SAS 12G Mission Critical 15K SFF SC 3-year Warranty Multi Vendor HDD	870753-B21
HPE 600GB SAS 12G Mission Critical 10K SFF SC 3-year Warranty Multi Vendor HDD	872477-B21
HPE 300GB SAS 12G Mission Critical 10K SFF SC 3-year Warranty Multi Vendor HDD	872475-B21

Midline - 12G SAS - SFF Drives

HPE 2TB SAS 12G Business Critical 7.2K SFF SC 1-year Warranty 512e HDD	765466-B21

SSD Selection

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

Hard Drive Blank Kits

HPE Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit	878783-B21

Notes: This is a M.2 enablement standup card.

HPE Networking

1 Gigabit Ethernet adapters

HPE Ethernet 1Gb 4-port BASE-T BCM5719 Adapter	647594-B21
HPE Ethernet 1Gb 2-port BASE-T BCM5720 Adapter	615732-B21
HPE Ethernet 1Gb 4-port BASE-T I350-T4V2 Adapter	811546-B21

10 Gigabit Ethernet adapters

HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter	656596-B21
HPE Ethernet 10Gb 2-port BASE-T BCM57416 Adapter	813661-B21

Core Options

HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
HPE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter	817738-B21
HPE Ethernet 10Gb 4-port SFP+ X710-DA4 Adapter	869585-B21

FlexibleLOM adapters

HPE Ethernet 1Gb 4-port FLR-T BCM5719 Adapter	629135-B22
HPE Ethernet 1Gb 4-port FLR-T I350-T4V2 Adapter	665240-B21
HPE Ethernet 10Gb 2-port FLR-SFP+ X710-DA2 Adapter	727054-B21
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port FLR-SFP28 MCX4121A-ACFT Adapter	817749-B21

HPE InfiniBand

HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	872726-B21

Riser Information

NEBS Compliant Part number	Description	Commercial Part number	Riser position			Bus width (Gen3 lanes)		
			Primary	Secondary	Tertiary	Top slot	Middle Slot	Bottom slot
826701-B21	HPE DL380 Gen10 x8 x16 x8 M.2 NEBS Riser	826694-B21	O	N	N	X16	X16	X8
873209-B21	HPE DL38X Gen10 x8 x16 x8 NEBS Riser	870548-B21	O	O	N	X8	X16	X8
826702-B21	HPE DL380 Gen10 x16 Tertiary NEBS Riser	826700-B21	N	N	O	X16	O	O

HPE Power Supplies

HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21

Notes: Flex Slot Platinum power supplies support power efficiency of up to 94% and include a standard C-14 power inlet connector.

HPE 800W Flex Slot –48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21

Notes: Flex Slot –48VDC power supplies support power efficiency of up to 94%.

HPE 48VDC 2.85m Power Cable	Q0H80A

HPE Cooling Options

HPE DL38X Gen10 High Performance Temperature Fan Kit	867810-B21

Notes:
— This kit is required for specific **Ambient temperature environments**, coming in 2H2017.
— High Performance fan kit consists of 6 fans, these will need to replace all the standard fans in the unit, and fill all 6 fan cages.
— For elevated ambient temperature support please see: **http://www.hpe.com/servers/ashrae**.

Additional Options

HPE Security

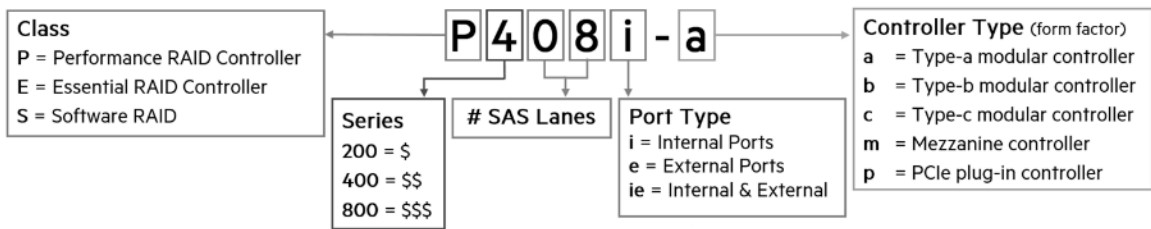|	
HPE 2U Bezel Air Filter NEBs	P05420-B1
HPE Gen10 2U Bezel Kit	867809-B21
HPE Trusted Platform Module 2.0 Gen10 Option	864279-B21

Notes:
— HPE Trusted Platform Module 2.0 option works with Gen10 servers with UEFI Mode not Legacy Mode. It is not compatible with HPE ProLiant Gen8 servers or earlier generation variants.
— HPE server systems can have a TPM module (of any type) installed only once. It cannot be replaced with any other TPM module.

HPE Gen10 TPM 1.2 FIO Setting	872108-B21

Notes: This is a FIO setting to allows the TPM 2.0 module to operate in a TPM 1.2 mode.

HPE Smart Array Controllers

The Gen10 controller naming framework has been updated to simplify identification as depicted below. For a more detailed breakout of the available Gen10 Smart Array controllers

HPE Flexible Smart Array Controllers

Notes:
— All performance RAID controllers are supported by the HPE Smart Storage Battery (P01366-B21), which supports multiple devices and is sold separately.
— Flexible Smart Array controllers do not consume a PCIe slot

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.

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

Performance RAID Controllers

Notes: All performance RAID controllers are supported by the HPE Smart Storage Battery (P01366-B21) or HPE Smart Storage Hybrid Capacitor with 145mm Cable Kit (P02377-B21), which supports multiple devices and is sold separately.

HPE Smart Array P408i-p SR Gen10 (8 Internal Lanes/2GB Cache) 12G SAS PCIe Plug-in Controller	830824-B21

Essential RAID Controllers

HPE Smart Array E208i-p SR Gen10 (8 Internal Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804394-B21
HPE Smart Array E208e-p SR Gen10 (8 External Lanes/No Cache) 12G SAS PCIe Plug-in Controller	804398-B21

HPE Flexible Smart Array Essential Controllers

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

Additional Options

Optional Upgrades

HPE Smart Storage Hybrid Capacitor with 145mm Cable Kit   P02377-B21
HPE 96W Smart Storage Lithium-ion Battery with 145mm Cable Kit   P01366-B21
Notes: Provides backup power for multiple HPE Smart Array controllers or other devices. Is required with performance RAID controllers.

HPE Storage Options

QLogic Fibre Channel HBAs

HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter   P9D94A

HPE Rack Options

Rail Kits

Notes:

— Ball bearing rail kits contain telescoping rails which allow for in-rack serviceability.
— Hewlett Packard Enterprise recommends that a minimum of two people are required for all Rack Server installations. Please refer to your installation instructions for proper tools and number of people to use for any installation.
— HPE rail kits are designed to work with HPE racks in compliance with industry standard EIA-310-E. In the event a customer elects to purchase a third-party rack for use with an HPE rail kit, any such use is at customer's own risk. HPE makes no express or implied warranties with respect to such third-party racks and specifically disclaims any implied warranties of merchantability and fitness for a particular purpose. Furthermore, HPE has no obligation and assumes no liability for the materials, design, specifications, installation, safety, and compatibility of any such third-party racks with any rail kits, including HPE rail kits.

HPE 2U Small Form Factor Ball Bearing Rail Kit   720863-B21
Notes: Does not include CMA (720865-B21).
HPE 2U Cable Management Arm for Ball Bearing Rail Kit   720865-B21

Summary of Changes

Date	Version History	Action	Description of Change
18-Mar-2024	Version 8	Changed	Additional Options section was updated.
02-Aug-2022	Version 7	Changed	Obsolete SKUs were removed
03-Aug-2020	Version 6	Changed	Core options section was updated. Obsolete SKUs were removed
17-Feb-2020	Version 5	Changed	Configuration Information and Core Options sections were updated.
06-Jan-2020	Version 4	Changed	Overview, Configuration Information, Core Option and Additional Options sections were updated. Obsolete SKUs were removed
04-Feb-2019	Version 3	Changed	Core Options and Storage sections were updated.
15-Oct-2018	Version 2	Changed	Configuration Information - Factory Integrated Models, Core Options, Aditional Options were updated.
14-May-2018	Version 1	New	Content created.

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