



# HPE DL380 Gen 10 NC 12 LFF Srv P20172-B21



**Router-Switch.com**  
Leading Network Hardware Supplier

## Content

Overview .....	2
Standard Features .....	5
Pre-configured Models.....	15
Configuration Information - Factory Integrated Models .....	23
Core Options .....	31
Technical Specifications.....	40
Where to Buy .....	43
Source.....	43

### Contact Us

Tel: +1-626-239-8066 (USA) / +852-3050-1066 / +852-3174-6166

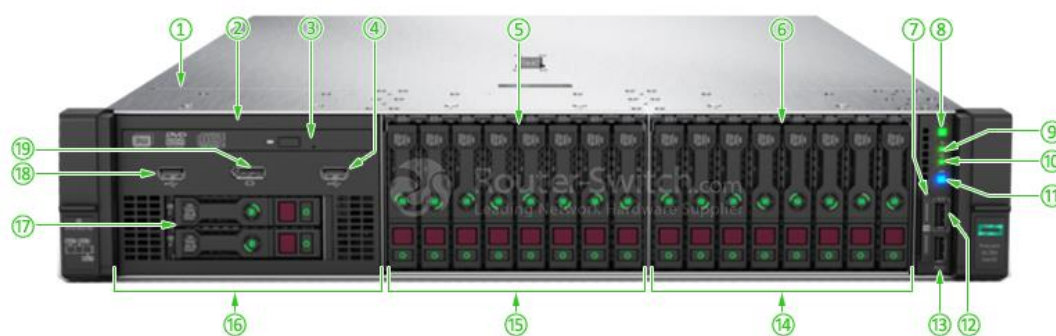
Fax: +852-3050-1066 (Hong Kong)

Email: [sales@router-switch.com](mailto:sales@router-switch.com) (Sales Inquiries)

## Overview

diverse workloads and environments, the secure 2P 2U [HPE ProLiant DL380 Gen10 P20172-B21](#) delivers world-class performance with the right balance of expandability and scalability. Designed for supreme versatility and resiliency while being backed by a comprehensive warranty make it ideal for multiple environments from Containers to Cloud to Big Data. Standardize on the industry's most trusted compute platform.

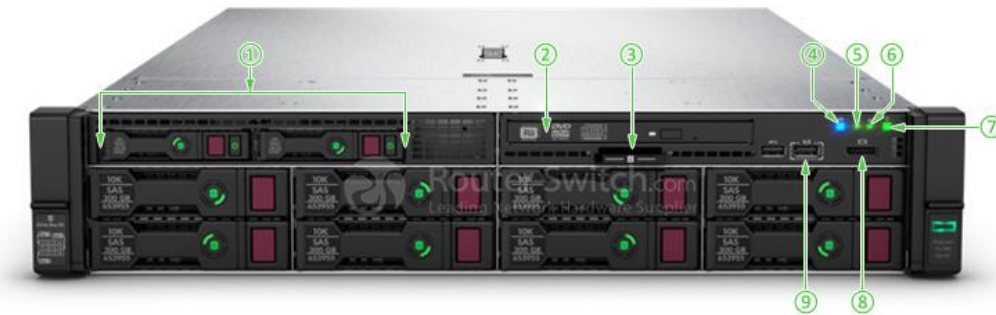
**Front View – LFF chassis with optional Universal Media bay with optical and 2 NVMe plus 12 NVMe shown**



Note:

①	Quick removal access panel
②	Optional Universal Media bay. 2 USB 2.0 and Display port standard (12 LFF bay or 6 LFF+2NVMe or 8NVMe optional)
③	Optional Optical drive. Requires Universal Media bay
④	Optional USB 2.0 (via Universal Media Bay)
⑤	Drive Bay 2. NVMe shown (12 LFF, 6SFF+2NVMe or 8 NVMe PCIe SSD optional)
⑥	8 SFF Drive Cage Bay
⑦	Serial label pull tag
⑧	Power On/Standby button and system power LED button
⑨	Health LED
⑩	NIC status
⑪	UID button
⑫	iLO Front Service Port
⑬	USB 3.0
⑭	Box 3
⑮	Box 2
⑯	Box 1
⑰	Optional 2 SFF HDD, requires optional Universal Media bay
⑱	Optional USB 2.0 (via Universal Media Bay)
⑲	Optional front display port (Via Universal Media Bay)

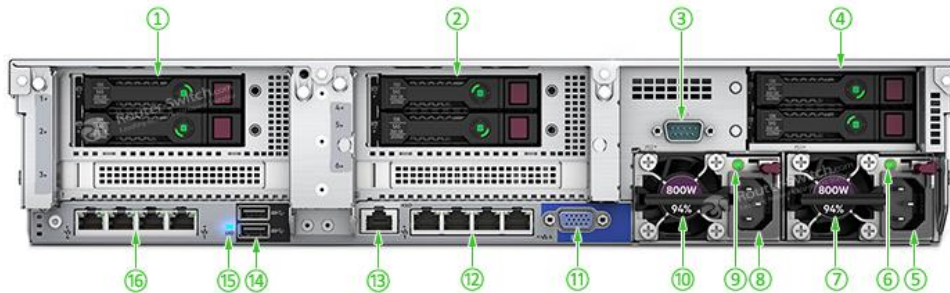
**Front View – 12LFF chassis with Universal media bay and optional 12LFF and optical drive shown**



**Note:**

①	Optional 12 LFF Drive bay, 2 NVMe shown
②	Optional optical drive shown (blank as standard)
③	Serial label pull tag
④	UID button
⑤	Health LED
⑥	NIC status
⑦	Power On/Standby button and system power LED button
⑧	Front display port
⑨	iLO Front Service Port

**Rear View**



**Note:**

①	Primary Riser. PCI Slots (Slots 1-3 top to bottom, riser shipped standard, not shown), optional 2LFF rear drives
②	Secondary Riser. PCI Slots (Slots 4-6 top to bottom, not shown, requires second riser card, and second processor). Showing optional 12 LFF rear
③	Optional serial port
④	Tertiary Riser (Slots 7-8). Optional rear 2 LFF HDD (supported in 24 LFF or 12 LFF front end)
⑤	Power supply Power connection

⑥	Power supply Power LED
⑦	HPE Flexible Slot Power Supply bay 1 (800W shown)
⑧	Power supply Power connection
⑨	Power supply Power LED
⑩	HPE Flexible Slot Power Supply bay 2 (800W shown)
⑪	VGA connector
⑫	Embedded 4 x 1GbE Network Adapter
⑬	Dedicated iLO management port
⑭	USB connectors 3.0 (2)
⑮	Unit ID LED
⑯	Optional FlexibleLOM ports (Shown: 4 x 1GbE)

### What's New

- 2nd generation Intel® Xeon® Scalable Processor Family
- 8/16/32/64/128GB 2933 DIMMs
- NEC Vector Engine
- HPE Smart Hybrid Capacitor, supporting up to 3 devices
- NVMe 6.4TB to 1.6TB MU HHL DSF Card
- SAS 12G 3.84TB/1.92TB/960GB MU and 7.68TB/3.84TB/1.92TB/960GB RI -- SFF SC VS DSF SSD
- SAS 12G 1.92TB and 960GB MU LFF SCC VS DSF SSD

### Platform Information

Form Factor: 2U rack

Chassis Types:

- 8 SFF with optional Universal Media Bay, and optional SFF or NVMe drive bay options
- 24 SFF bay with additional 6SFF rear drive bay option to total 30 SFF drives
- 8 LFF with Universal Media Bay
- 12 LFF with optional 4 LFF mid-plane and optional 3LFF + 2 SFF rear drive bay to total 19 LFF drives + 2 LFF drives

NOTE: The 3 LFF rear drive box will consume space for the secondary and tertiary riser.

NOTE: The 8 and 12 LFF chassis also supports the 2 SFF rear drive box which allows for the user to attach a secondary or tertiary riser.

NOTE: The 8 NVMe drive option ([826689-B21](#)) can only be leveraged in the SFF chassis and replaces Box 1, 2 or 3, however there is a maximum of 20 NVMe drives supported with Partial population of Box 1.

NOTE: The Premium cage ([826690-B21](#), 6 SAS/SATA+2 NVMe) can only be leveraged in the SFF chassis and replaces Box 1, 2 or 3.

NOTE: The Universal Media Bay ([826708-B21](#)) not available with the LFF chassis or the 24 SFF front end, and can only be populated in Box 1.

NOTE: The 8 SFF can be upgraded with additional 8SFF drive box to total 16 or 24 SFF drives. For optimal upgrade Box 2 should be populated second, with Box 1 the last to be populated for a field upgrade to 24 SFF. For CTO builds requiring 24 SFF please use the 24 SFF chassis ([868704-B21](#)). Note a field upgrade to 24 SFF will require a high-performance fan kit ([867810-B21](#)).

NOTE: The 8 LFF chassis cannot be upgraded to 12 LFF front in the field; however the 4-LFF Mid plane ([826686-B21](#)) is supported, but will also require a performance fan kit ([867810-B21](#)).

NOTE: The 8LFF chassis ships with 6-standard fans.

NOTE: All models come with the S100i Smart Array Controller with embedded software RAID support for 12 drives. The S100i uses 14 embedded SATA ports, but only 12 ports are accessible as 2 are leveraged to support the 2 M.2 options on the primary riser.

### System Fans

Standard – fan types included

NOTE: 1P models typically ship with 4 standard fans. The second processor option kit contains 2 additional fans. 1P Models have (4) (N+1 redundancy standard).

NOTE: 2P models typically ship with 6 standard fans. 2P Models have (6) (N+1 redundancy standard).

NOTE: The 12 LFF and 24 SFF chassis ship with 6 High performance fans as standard.

NOTE: The 8LFF chassis ships with 6 standard fans as standard.

NOTE: High performance fan kit is available to meet ambient temperature environments.

NOTE: High performance fan kits are required for rear drives, Graphics (GPU) card or NVMe configurations.

## Standard Features

### Processor

Up to two of the following depending on model

Processor Suffix	Description	Offering
L	Large memory tier	Up to 4.5 TB addressable memory per socket
M	Medium memory tier	Up to 2.0 TB addressable memory per socket
N	NFV Optimized	Targeted at Network Function Virtualization (NFV) workloads. Intel® SST-BF improves performance by directing base frequency to high priority/bottleneck cores. Other workloads may see throttling, more details to be provided in upcoming documentation.
S	Search Optimized	Optimized base frequency to address ‘search’ workloads. Other workloads may see throttling, more details to be provided in upcoming documentation.
U	1 Socket Optimized	Focused on single socket (1P) configurations deliver performance at competitive price points. Does not support two socket (2P) arrangements.
V	VM Density Optimized	Fosters enhanced VM density, allowing to support more/larger virtual machines per host.
Y	Speed Select	Intel® SST-PP increases base frequency when less cores are enabled. Allows greater flexibility, deployment options and platform longevity.

NOTE: More than 1.5 TB memory per socket requires memory higher than 128 GB capacity, scheduled 2H19 announcement

Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
<b>2nd Generation Intel® Xeon® Scalable Processor Family</b>							
Platinum 8280 Processor	2.7 GHz	28	38.50 MB	205W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8280L Processor	2.7 GHz	28	38.50 MB	205W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
Platinum 8280M Processor	2.7 GHz	28	38.50 MB	205W	3 @ 10.4 GT/s	2933 MT/s	2TB
Platinum 8276 Processor	2.2 GHz	28	38.50 MB	165W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8276L Processor	2.2 GHz	28	38.50 MB	165W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
Platinum 8276M Processor	2.2 GHz	28	38.50 MB	165W	3 @ 10.4 GT/s	2933 MT/s	2TB
Platinum 8270 Processor	2.7 GHz	26	35.75 MB	205W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8268 Processor	2.9 GHz	24	35.75 MB	205W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8260 Processor	2.4 GHz	24	35.75 MB	165W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8260L Processor	2.4 GHz	24	35.75 MB	165W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
Platinum 8260M Processor	2.4 GHz	24	35.75 MB	165W	3 @ 10.4 GT/s	2933 MT/s	2TB
Platinum 8260Y Processor	2.4 GHz	24/20 /16	35.75 MB	165W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8256 Processor	3.8 GHz	4	16.50 MB	105W	3 @ 10.4 GT/s	2933 MT/s	1TB
Platinum 8253 Processor	2.2 GHz	16	22.00 MB	125W	3 @ 10.4 GT/s	2933 MT/s	1TB

Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
<b>1st Generation Intel® Xeon® Scalable Processor Family</b>							
<b>Platinum Processors</b>							
Platinum 8180M Processor	2.5 GHz	28	38.50 MB	205W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
Platinum 8180 Processor	2.5 GHz	28	38.50 MB	205W	3 @ 10.4 GT/s	2666 MT/s	768GB

Platinum 8176 Processor	2.1 GHz	28	38.50 MB	165W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8170 Processor	2.1 GHz	26	35.75 MB	165W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8168 Processor	2.7 GHz	24	33.00 MB	205W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8165 Processor	2.3 GHz	24	33.00 MB	205W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8164 Processor	2.0 GHz	26	35.75 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8160 Processor	2.1 GHz	24	33.00 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8158 Processor	3.0 GHz	12	24.75 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8156 Processor	3.6 GHz	4	16.50 MB	105W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8153 Processor	2.0 GHz	16	22.00 MB	125W	3 @ 10.4 GT/s	2666 MT/s	768GB

#### 2nd Generation Intel® Xeon® Scalable Processor Family

Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Gold 6254 Processor	3.1 GHz	18	24.75 MB	200W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6252 Processor	2.1 GHz	24	35.75 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6248 Processor	2.5 GHz	20	27.5 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6244 Processor	3.6 GHz	8	24.75 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6242 Processor	2.8 GHz	16	22 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6240 Processor	2.6 GHz	18	24.75 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6240Y Processor	2.6 GHz	18/14/8	24.75 MB	150W	3 @ 10.4 GT/s	2933 MT/s	1TB



					GT/s		
Gold 6230 Processor	2.1 GHz	20	27.5 MB	125W	3 @ 10.4 GT/s	2933 MT/s	1TB
Gold 6212U Processor	2.4 GHz	24	35.75 MB	165W	N/A	2933 MT/s	1TB
Gold 6210U Processor	2.5 GHz	20	27.50 MB	150W	N/A	2933 MT/s	1TB
Gold 5222 Processor	3.8 GHz	4	24.75 MB	105W	2 @ 10.4 GT/s	2933 MT/s	1TB
Gold 5220 Processor	2.2 GHz	18	24.75 MB	125W	2 @ 10.4 GT/s	2666 MT/s	1TB
Gold 5218 Processor	2.3 GHz	16	22 MB	125W	2 @ 10.4 GT/s	2666 MT/s	1TB
*Gold 5218N Processor	2.3 GHz	16	22 MB	105W	2 @ 10.4 GT/s	2666 MT/s	1TB
*Gold 5218B Processor	2.3 GHz	16	22 MB	125W	2 @ 10.4 GT/s	2666 MT/s	1TB
Gold 5217 Processor	3.0 GHz	8	11 MB	115W	2 @ 10.4 GT/s	2666 MT/s	1TB
Gold 5215 Processor	2.5 GHz	10	13.75 MB	85W	2 @ 10.4 GT/s	2666 MT/s	1TB
Gold 5215L Processor	2.5 GHz	10	13.75 MB	85W	2 @ 10.4 GT/s	2666 MT/s	4.5TB
Gold 5215M Processor	2.5 GHz	10	13.75 MB	85W	2 @ 10.4 GT/s	2666 MT/s	2TB
<b>1st Generation Intel® Xeon® Scalable Processor Family</b>							
Gold 6154 Processor	3.0 GHz	18	24.75 MB	200W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6152 Processor	2.1 GHz	22	30.25 MB	140W	3 @ 10.4 GT/s	2666 MT/s	768GB

Gold 6150 Processor	2.7 GHz	18	24.75 MB	165W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6148 Processor	2.4 GHz	20	27.50 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6146 Processor	3.2 GHz	12	24.75 MB	165W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6144 Processor	3.5 GHz	8	24.75 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6143 Processor	2.8 GHz	16	22.00 MB	205W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6142 Processor	2.6 GHz	16	22.00 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6140 Processor	2.3 GHz	18	24.75 MB	140W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6138 Processor	2.0 GHz	20	27.50 MB	125W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6136 Processor	3.0 GHz	12	24.75 MB	150W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6134M Processor	3.2 GHz	8	24.75 MB	130W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
Gold 6134 Processor	3.2 GHz	8	24.75 MB	130W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6132 Processor	2.6 GHz	14	19.25 MB	140W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6130 Processor	2.1 GHz	16	22.00 MB	125W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 6128 Processor	3.4 GHz	6	19.25 MB	115W	3 @ 10.4 GT/s	2666 MT/s	768GB

Gold 6126 Processor	2.6 GHz	12	19.25 MB	125W	3 @ 10.4 GT/s	2666 MT/s	768GB
Gold 5122 Processor	3.6 GHz	4	16.50 MB	105W	2 @ 10.4 GT/s	2666 MT/s	768GB
Gold 5120 Processor	2.2 GHz	14	19.25 MB	105W	2 @ 10.4 GT/s	2400 MT/s	768GB
Gold 5118 Processor	2.3 GHz	12	16.50 MB	105W	2 @ 10.4 GT/s	2400 MT/s	768GB
Gold 5117 processor	2.0GHz	14	19.25 MB	105W	2 @ 10.4 GT/s	2400 MT/s	768GB
Gold 5115 Processor	2.4 GHz	10	13.75 MB	85W	2 @ 10.4 GT/s	2400 MT/s	768GB
<b>2nd Generation Intel® Xeon® Scalable Processor Family</b>							
Silver 4216 Processor	2.1 GHz	16	22 MB	100W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4215 Processor	2.5 GHz	8	11 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4214Y Processor	2.2 GHz	12/10/8	16.5 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4214 Processor	2.2 GHz	12	16.5 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4210 Processor	2.2 GHz	10	10 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver 4208 Processor	2.1 GHz	8	11 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
<b>1st Generation Intel® Xeon® Scalable Processor Family</b>							
Silver 4116 Processor	2.1 GHz	12	16.50 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver 4114 Processor	2.2 GHz	10	13.75 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver 4112 Processor	2.6 GHz	4	8.25 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver 4110 Processor	2.1 GHz	8	11.00 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver 4108 Processor	1.8 GHz	8	11.00 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB

<b>2nd Generation Intel® Xeon® Scalable Processor Family</b>								
Bronze Processor	3204	1.9 GHz	6	8.25 MB	85W	2 @ 9.6 GT/s	2133 MT/s	1 TB
<b>1st Generation Intel® Xeon® Scalable Processor Family</b>								
Bronze 3106 Processor		1.7 GHz	8	11.00 MB	85W	2 @ 9.6 GT/s	2133 MT/s	768GB
Bronze 3104 Processor		1.7 GHz	6	8.25 MB	85W	2 @ 9.6 GT/s	2133 MT/s	768GB

NOTE: Platinum – 8200 Series – 2 Socket supports supports 6-Channel DDR4 @ 2933 MT/s providing up to 1TB memory capacity per socket (up to 2TB/socket on M series and up to 4.5TB/socket on L series);, HPE DC Persistent Memory (select skus) 2H19, Vector Neural Network Instructions (VNNI) for inference acceleration, Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA). 48 lanes PCIe 3.0, advanced RAS

NOTE: Platinum – 8100 Series –2 Socket supports 2UPI, supports 6-Channel DDR4 @ 2666 MT/s providing up to 768GB memory capacity (1.5 TB on select processor skus). Intel Turbo Boost Technology, Intel Hyper-Threading Technology supported. Intel AVX-512 (2x 512-bit FMA), 48 lanes PCIe 3.0, advanced RAS.

NOTE: Gold - 6200 & 5200 Series - 6-Channel DDR4 @ 2933 MT/s (6200 & 5222 skus only) or 2666 MT/s (all Gold 5200 skus except 5222 @ 2933 MT/s); providing up to 1TB memory capacity per socket (up to 2TB/socket on M series and up to 4.5TB/socket on L series); Support for HPE DC Persistent Memory (select skus) 2H19, Vector Neural Network Instructions (VNNI) for inference acceleration, Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, advanced RAS

NOTE: Gold – 5100, 6100 Series - 2 Socket supports 2UPI, supports 6-Channel DDR4 @ 2400 MHz (SKU 5122=supports 2666) providing up to 768GB memory capacity (1.5 TB on select skus). Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel AVX-512(1x 512-bit FMA) (SKU 5122 supports 2x 512bit FMA), 48 lanes PCIe 3.0, advanced RAS supported.

NOTE: Silver – 4200 Series - 6-Channel DDR4 @ 2400 MT/s, providing up to 1TB memory capacity per socket; Support for: Intel® Vector Neural Network Instructions (VNNI) for inference acceleration; Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, standard RAS

NOTE: Silver – 4100 Series - 2 Socket supports 2UPI @ 9.6 GT/s, 6-Channel DDR4 @ 2400 MHz providing up to 768 GB memory capacity. Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel AVX-512(1x 512-bit FMA), 48 lanes PCIe 3.0, standard RAS supported.

NOTE: Bronze – 3200 Series - 6-Channel DDR4 @ 2133 MT/s, providing up to 1TB memory capacity per socket; Support for: Intel® Vector Neural Network Instructions (VNNI) for inference acceleration; Intel AVX-512 (2x 512-bit FMA); 48 lanes PCIe 3.0, standard RAS

NOTE: Bronze – 3100 Series - 2 Socket supports 2UPI @ 9.6 GT/s, supports 6-Channel DDR4 @ 2133 MHz providing up to 768GB memory capacity. Intel AVX-512(1x 512-bit FMA), 48 lanes PCIe 3.0, standard RAS supported.

NOTE: Processors with 130W or higher and the 8256, 8156, 6128, 5222, 5122 higher will ship with the High Performance heatsink. All other will processors will ship with the Standard heatsink.

NOTE: Gold Processor 5222 supports 2933 DDR4 and 2 512-bit FMA units

NOTE: Gold Processor 5218B has consistent features with the 5218 processor but is from a different die. Mixing both 5218B & 5218 in a system is not supported

NOTE: Gold Processor 5218N processor available at launch, Intel® Speed Select Technology-Base Frequency

enablement via System ROM upgrade targeting June 2019

NOTE: Silver Processor 4215 supports DDR-T/Intel® Optane™ DC persistent memory module

### Chipset

· Intel® C621 Chipset

NOTE: For more information regarding Intel® chipsets, please see the following URL:

<http://www.intel.com/products/server/chipsets/>

### On System Management Chipset

HPE iLO 5 ASIC

### Memory

One of the following depending on model

Type		HPE DDR4 SmartMemory Registered (RDIMM), Load Reduced (LRDIMM)
DIMM Slots Available	24	12 DIMM slots per processor, 6 channels per processor, 2 DIMMs per channel
Maximum capacity (LRDIMM)	3.0 TB	24 x 128 GB LRDIMM @ 2933 MT/s
Maximum capacity (RDIMM)	1.54 TB	24 x 64 GB RDIMM @ 2933 MT/s
Maximum capacity (HPE DC Persistent Memory)	6.0 TB	12 X 512 GB Memory Kit @ 2666 MT/s
Maximum capacity (NVDIMM)	192 GB	12 x 16 GB NVDIMM @ 2666 MT/s

### Expansion Slots

Expansion Slots #	Technology	Bus Width	Connector Width	Form Factor	Notes
1	PCIe 3.0	X8	X8	Full-height, full-length slot	Proc 1
2	PCIe 3.0	X16	X16	Full-height, full-length slot	Proc 1
3	PCIe 3.0	X8	X8	Full-height, half-length slot	Proc 1
Expansion Slots #	Technology	Bus Width	Connector Width	Form Factor	Notes
1	PCIe 3.0	X8	X8	Full-height, full-length slot	Proc 2
2	PCIe 3.0	X16	X16	Full-height, full-length slot	Proc 2

3	PCIe 3.0	X8	X8	Full-height, half-length slot	Proc 2
---	----------	----	----	-------------------------------------	--------

### Storage Controller

One of the following depending on model

- Software RAID: HPE Smart Array S100i SR Gen10 SW RAID

NOTE: HPE Smart Array S100i SR Gen10 SW RAID will operate in UEFI mode only. For legacy support an additional controller will be needed, and for CTO orders please also select the Legacy mode settings part, 758959-B22.

NOTE: HPE Smart Array S100i SR Gen10 SW RAID is off by default and must be enabled.

NOTE: The S100i uses 14 embedded SATA ports, but only 12 ports are accessible as 2 are leveraged to support the 2 M.2 options on the primary riser.

NOTE: The S100i supports windows only

- Essential RAID Controller

HPE Smart Array E208i-a SR Gen10 Controller

HPE Smart Array E208i-p SR Gen10 Controller

HPE Smart Array E208e-p SR Gen10 Controller

- Performance RAID Controller

HPE Smart Array P408i-a SR Gen10 Controller

HPE Smart Array P408i-p SR Gen10 Controller

HPE Smart Array P408e-p SR Gen10 Controller

HPE Smart Array P816i-a SR Gen10 Controller

NOTE: Performance RAID Controllers require the HPE Smart Storage Battery (P01366-B21) which is sold separately.

### Internal Storage Devices

One of the following depending on model

- Optical Drive

Ships standard in Performance Models

Optional: DVD-ROM, DVD-RW

- Hard Drives

None ship standard

### Maximum Internal Storage

Category	Capacity	Configuration
Hot Plug SFF SAS HDD	72.0 TB	24+6 x 2.4 TB* (with optional rear SFF drive cage)
Hot Plug SFF SATA HDD	60.0 TB	24+6 x 2 TB (with optional SFF drive cage)
Hot Plug LFF SAS HDD	273.68 TB	12+4+3 x 14 TB + 2 x 3.84 TB (with optional mid –tray and rear LFF drive cage, plus 2 SFF SSD rear)
Hot Plug LFF SATA HDD	273.68 TB	12+4+3 x 14 TB + 2 x 3.84 TB (with optional mid –tray and rear LFF drive cage, plus 2 SFF SSD rear)
Hot Plug SFF SAS SSD	459 TB	24+6 x 15.3 TB (with optional rear SFF drive cage)
Hot Plug SFF SATA SSD	115.2 TB	24+6 x 3.84 TB (with optional rear SFF drive cage)
Hot Plug LFF SATA SSD	80.64 TB	12+4+3 x 3.84 TB + 2 x 3.84 TB (with optional mid –tray and rear LFF drive cage, plus 2 SFF SSD rear)
Hot Plug LFF SAS SSD	44.16 TB	12+4+3 x 1.92 TB + 2 x 3.84 TB (with optional mid –tray and rear LFF drive cage, plus 2 SFF SSD rear)

Hot Plug SFF NVMe PCIe SSD	153.6 TB	20 x 7.68 TB NVMe
----------------------------	----------	-------------------

NOTE: 2x m.2 drives are supported on the Primary Riser.

NOTE: uFF drives are also supported.

### Power Supply

- HPE 500W Flex Slot Platinum Hot Plug Power Supply

NOTE: Available in 94% efficiency.

- HPE 800W Flex Slot Platinum Hot Plug Power Supply

NOTE: Available in 94% and 96% efficiency.

NOTE: Also available in -48VDC and 227VAC/380VDC power inputs.

- HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit

NOTE: Available in 94% efficiency.

HPE Flexible Slot (Flex Slot) Power Supplies share a common electrical and physical design that allows for hot plug, tool-less installation into HPE ProLiant Gen9 Performance Servers. Flex Slot power supplies are certified for high-efficiency operation and offer multiple power output options, allowing users to "right-size" a power supply for specific server configurations. This flexibility helps to reduce power waste, lower overall energy costs, and avoid "trapped" power capacity in the data center.

All pre-configured servers ship with a standard 6-foot IEC C-13/C-14 jumper cord (A0K02A). This jumper cord is also included with each standard AC power supply option kit. If a different power cord is required, please check the ProLiant Power Cables web page.

### Interfaces

Serial	Optional, rear
Display Port	1 (SFF 1 front, optional via Universal Media Bay, 826708-B21), 8 LFF chassis standard
FlexibleLOM Network Ports	4 x 1 Gb ports shipping standard with optional FlexibleLOM or stand up card
HPE iLO Remote Management Network Port	1 Gb Dedicated
Front iLO Service Port	1 standard (Not available on 12 LFF chassis or when SID is ordered, note iLO dongle required, 880123-B21)
Micro SD Slot	1 Micro SD
NOTE: The Micro SD slot is not a hot-pluggable device. Customers should not attempt to plug an SD card into the SD slot while the server is powered.	
USB 3.0	Up to 5 total: 1 front, 2 rear, 2 internal (secure), 2 optional USB 2.0 front via Universal Media Bay, or standard on 8LFF chassis
SID (Systems Insight Display)	Optional
NOTE: Not shipping as standard. Available as a CTO option or as a field upgrade (826703-B21).	

## Pre-configured Models

For Standard Features shipped in the "Factory Integrated Models", please see "Configuration Information - Factory Integrated Models" section.

1. Pre-configured models ship with configurations below.
2. Hewlett Packard Enterprise does not allow factory integration of options into pre-configured models. Any additional options purchased will be shipped separately.
3. If a custom configuration is desired, please see "Configuration Information - Factory Integrated Models" section.

<b>Powered by 2nd Generation Intel Xeon Processors</b>	
	<b>Entry Model</b>
SKU Number	<a href="#">P20172-B21</a>
Model Name	HPE ProLiant DL380 Gen10 4208 2.1GHz 8-core 1P 16GB-R S100i 12LFF 500W PS Server
Chassis	12LFF
Processor	4208 (8 core, 2.1 GHz, 85W)
Number of Processors	one
Memory	16 GB RDIMM 2R 2933 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card
Storage Controller	Embedded 14-Port S100i NOTE: SATA only, 12-PORT accessible.
Hard Drive	None included
Internal Storage	12 LFF chassis, with 2 SFF bays optional (upgradeable to 19LFF with 4LFF mid and 3LFF rear + 2SFF rear)
Optical Drive	None included
PCIe Slots	3-slots (x8, x16, x8 with dual m.2) standard; upgradeable to 8-slots in a 2-processor configuration
Power Supply	1x HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
Fans	6-performance fans
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)
Rail Kit	LFF Easy Install rails without Cable Management Arm
Energy Star	2.1 certified
Form Factor	2U Rack
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.
NOTE: UEFI is the standard default for all Pre-configured models.	



<b>Powered by 2nd Generation Intel Xeon Processors</b>			
SKU Number	<a href="#">P20172-B21</a>	<a href="#">P02464-B21</a>	<a href="#">P02465-B21</a>
Model Name	HPE ProLiant DL380 Gen10 4208 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W PS Server	HPE ProLiant DL380 Gen10 4210 2.2GHz 10-core 1P 32GB-R P408i-a 8SFF 800W PS Server	HPE ProLiant DL380 Gen10 5218 2.3GHz 16-core 2P 64GB-R P408i-a 8SFF 800W PS Server
Chassis	8SFF		
Processor	4208 (8 core, 2.1GHz, 85W)	4210 (10 core, 2.2 GHz, 85W)	5218 (16 core, 2.3 GHz, 125W)
Number of Processors	one	one	two
Memory	16 GB RDIMM 2R 2933 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	32 GB RDIMM 2R 2933 MT/s (1x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	64 GB RDIMM 2R 2933 MT/s (2x 32 GB) NOTE: Runs at 2666 MT/s due to processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card		
Storage Controller	P408i-a w/2GB cache NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.		
Hard Drive	None included		
Internal Storage	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)		
PCIe Slots	3-slots (x8, x16, x8 with dual m.2) as standard; upgradeable to 8-slots in a 2 processors configuration	3-slots (x8, x16, x8 with dual m.2) as standard; upgradeable to 8-slots in a 2 processors configuration	3-slots (x8, x16, x8 with dual m.2) as standard; upgradeable to 8-slots
Power Supply	1x HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	1x HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	1x HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit
Fans	4-standard fans	4-standard fans	6-standard fans
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)		
Rail Kit	SFF Easy install rails with Cable Management Arm		
Energy Star	2.1 certified		
Form Factor	2U Rack		
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day		

	response.
NOTE: UEFI is the standard default for all Pre-configured models.	

Powered by 2nd Generation Intel Xeon Processors			
SKU Number	<a href="#">P20172-B21</a>	<a href="#">P02467-B21</a>	<a href="#">P02468-B21</a>
Model Name	HPE ProLiant DL380 Gen10 6230 2.1GHz 20-core 1P 64GB-R P816i-a 8SFF 800W RPS Server	HPE ProLiant DL380 Gen10 4208 2.1GHz 8-core 1P 32GB-R P408i-a 24SFF 800W PS Server	HPE ProLiant DL380 Gen10 4214 2.2GHz 12-core 1P 16GB-R P816i-a 12LFF 800W PS Server
Chassis	8SFF	24SFF	12SFF
Processor	6230 (20-core 2.1GHz, 125W)	4208 (8 core, 2.1GHz, 85W)	4214 (12 core, 2.2GHz, 85W)
Number of Processors	one	one	one
Memory	64 GB RDIMM 2R 2933MT/s (2x 32 GB)	32 GB RDIMM 2R 2933 MT/s (2x 16GB) NOTE: Runs at 2400MT/s due to processor limitation.	16 GB RDIMM 2R 2933 MT/s (2x 32 GB) NOTE: Runs at 2400MT/s due to processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter		
Storage Controller	P816i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery	P816i-a/2GB with Smart Storage Battery
Hard Drive	None Included		
Internal Storage	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)	24 SFF Chassis (upgradeable +6SFF rear)	12 LFF chassis, with 2 SFF bays optional (upgradeable to 19LFF with 4LFF mid and 3LFF rear + 2SFF rear)
PCIe Slots	3-slots (x8, x16, x8 with dual m.2) as standard; upgradeable to 8-slots in a 2 processors configuration		
Power Supply	2x HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	1x HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	1x HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit
Fans	4 - Standard	6 - Performance	6 - Performance
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)		
Rail Kit	SFF Easy Install with Cable Management	SFF Easy Install with Cable Management	LFF Easy Install with Cable Management Arm

	Arm	Arm	
Energy Star	Energy Star 2.1		
Form Factor	2U Rack		
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.		

NOTE: UEFI is the standard default for all Pre-configured models.

<b>Powered by 1st Generation Intel Xeon Processors</b>			
<b>Entry Models</b>			
[SKU Number]	<a href="#">868709-B21</a>	<a href="#">826564-B21</a>	
Model Name	Entry LFF	Entry SFF	
Processor	3106 (8-Core, 1.7 GHz, 85W)	3106 (8-Core, 1.7 GHz, 85W)	
Number of Processors	One processor	One processor	
Memory	16 GB RDIMM DR 2600 MT/s (1x 16 GB) NOTE: running at 2133 MT/s due to Processor limitation.	16 GB RDIMM DR 2600 MT/s (1x 16 GB) NOTE: running at 2133 MT/s due to Processor limitation.	
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card	
Storage Controller	Embedded 14-Port S100i NOTE: SATA only, 12-PORT accessible.	Embedded 14-Port S100i NOTE: SATA only, 12-PORT accessible.	
Hard Drive	None ship as standard	None ship as standard	
Internal Storage	8 LFF chassis, with 2 SFF bays optional (upgradeable to 15LFF with 4LFF mid and 3LFF rear + 2SFF rear)	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)	
Optical Drive Bay	Optional via Universal Media Bay (included)	Optional Universal Media Bay (826708-B21)	
Optical Drive	None ship as standard	None ship as standard	
PCI-Express Slots	3-slots (x8, x16, x8) as standard	3-slots (x8, x16, x8) as standard	
Power Supply	1x 500W HPE FlexSlot Power Supply	1x 500W HPE FlexSlot Power Supply	
Fans	6-standard fans	4-standard fans	
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)		
Energy Star	2.1 certified		
Form Factor	2U Rack, Easy Install rails without CMA		
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.		

<b>Powered by 1st Generation Intel Xeon Processors</b>	
<b>Base Models</b>	
[SKU Number]	<a href="#">826565-B21</a>
Model Name	Base SFF
Processor	4114 (10-Core, 2.2 GHz, 85W)
Number of Processors	One processor
Memory	32 GB RDIMM DR 2600 MT/s (2x 16 GB) NOTE: running at 2400 MT/s due to Processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card
Storage Controller	P408i-a NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.
Hard Drive	None ship as standard
Internal Storage	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)
Optical Drive Bay	Optional Universal Media Bay (826708-B21)
Optical Drive	None ship as standard
PCI-Express Slots	3-slots (x8, x16, x8) as standard
Power Supply	1x 500W HPE FlexSlot power supply
Fans	4-standard fans
Management	HPE iLO Standard with Intelligent Provisioning (embedded), HPE OneView Standard (requires download); HPE iLO Advanced, HPE iLO Advanced Premium Security Edition and HPE OneView Advanced (require licenses)
Energy Star	2.1 certified
Form Factor	2U Rack, Easy install rails with CMA
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response

<b>Powered by 1st Generation Intel Xeon Processors</b>			
<b>Category</b>	<b>Performance Models</b>	<b>High Performance Models</b>	
[SKU Number]	<a href="#">826566-B21</a>	<a href="#">826567-B21</a>	<a href="#">879938-B21</a>
Model Name	Performance	High-Performance	High-Performance
Processor	5118 (12-Core, 2.3 GHz, 105W)	6130 (16-Core, 2.1 GHz, 120W)	6130 (16-Core, 2.1 GHz, 120W)
Number of	Two processors	Two processors	Two processors

Processors			
Memory	64 GB RDIMM DR 2666 MT/s (2x 32 GB) NOTE: running at 2400 MT/s due to processor limitation.	64 GB RDIMM DR 2666 MT/s (2x 32 GB)	64 GB RDIMM DR 2666 MT/s (2x 32 GB)
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus HPE Ethernet 10/25 Gb 2-port 640FLR-SFP28 Adapter (817749-B21)	HPE 1Gb Ethernet 4-Port 331i Adapter plus HPE Ethernet 10/25 Gb 2-port 640FLR-SFP28 Adapter (817749-B21)	HPE 1Gb Ethernet 4-Port 331i Adapter plus HPE Ethernet 25 Gb 2-port 631FLR Adapter (817709-B21)
Storage Controller	P408i-a NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.	P408i-a NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.	P408i-a NOTE: 8-Port modular Smart Array. NOTE: Smart Storage battery included.
Hard Drive	None ship as standard	None ship as standard	None ship as standard
Internal Storage	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)	8 SFF Chassis (upgradeable to 24 SFF front + 6SFF rear)
Optical Drive Bay	Universal Media Bay (826708-B21)	Universal Media Bay (826708-B21)	Universal Media Bay (826708-B21)
Optical Drive	DVD-RW	DVD-RW	DVD-RW
PCI-Express Slots	6 total: 3-slots (x8, x16, x8 with m.2) as standard, plus 3 PCIe (x8, x16, x8)	6 total: 3-slots (x8, x16, x8 with m.2) as standard, plus 3 PCIe (x8, x16, x8)	6 total: 3-slots (x8, x16, x8 with m.2) as standard, plus 3 PCIe (x8, x16, x8)
Power Supply	2x 800W HPE FlexSlot power supply	2x 800W HPE FlexSlot power supply	2x 800W HPE FlexSlot power supply
Fans	6-standard fans		
Management	HPE iLO Advanced with Intelligent Provisioning, HPE OneView Standard (requires download) Optional (require licenses): HPE iLO Advanced Premium Security Edition, HPE OneView Advanced		
Energy Star	2.1 certified		
Form Factor	2U Rack, Easy Install rails with CMA		
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response		

<b>Powered by 1st Generation Intel Xeon Processors</b>		
SKU Number	<a href="#">P06419-B21</a>	<a href="#">P06420-B21</a>
Model Name	HPE ProLiant DL380 Gen10 3104 1.7GHz 6-core 1P 16GB-R S100i 8LFF 500W PS Entry SATA Server	HPE ProLiant DL380 Gen10 4110 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W PS Performance Server
Chassis	8LFF	8SFF
Processor	3104 (6 core, 1.7 GHz, 85W)	4110 (8 core, 2.1 GHz, 85W)
Number of Processors	One processor With standard heatsink	One processor With standard heatsink
Memory	16 GB RDIMM 2R 2666 MT/s (1x 16 GB) NOTE: Runs at 2133 MT/s due to processor limitation.	16 GB RDIMM 2R 2666 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter	HPE 1Gb Ethernet 4-Port 331i Adapter
Storage Controller	Embedded 14-port S100i NOTE: SATA only, 12-port accessible.	P408i-a/2GB with Smart Storage Battery
Hard Drive	None included	None included
Optical Drive	None included	None included
PCIe Slots	3 PCIe: 2 x16, 1 x8	3 PCIe: 2 x16, 1 x8
Power Supply	1x 500W	1x 500W
Fans	4 - Standard	4 - Standard
Management	HPE iLO 5	HPE iLO 5
Rail Kit	LFF Easy Install w/o CMA	SFF Easy Install with CMA
Energy Star	Energy Star 2.1	
Form Factor	2U Rack	
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.	

<b>Powered by 1st Generation Intel Xeon Processors</b>			
SKU Number	<a href="#">P06421-B21</a>	<a href="#">P06422-B21</a>	<a href="#">P06423-B21</a>
Model Name	HPE ProLiant DL380 Gen10 4114 2.2GHz 10-core 1P 32GB-R P408i-a 8SFF 800W PS Performance Server	HPE ProLiant DL380 Gen10 5118 2.3GHz 12-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server	HPE ProLiant DL380 Gen10 6130 2.1GHz 16-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server
Chassis	8SFF	8SFF	8SFF
Processor	4114 (10 core, 2.2 GHz, 85W)	5118 (12 core, 2.3 GHz, 105W)	6130 (16 core, 2.1 GHz, 125W)
Number of Processors	One processor With standard heatsink	One processor With standard heatsink	One processor With standard heatsink

Memory	32 GB RDIMM 2R 2666 MT/s (1x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2666 MT/s.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter	HPE 1Gb Ethernet 4-Port 331i Adapter	HPE 1Gb Ethernet 4-Port 331i Adapter
Storage Controller	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery
Hard Drive	None included	None included	None included
Optical Drive	None included	None included	None included
PCIe Slots	3 PCIe: 2 x16, 1 x8	3 PCIe: 2 x16, 1 x8	3 PCIe: 2 x16, 1 x8
Power Supply	1x 800W	2x 800W	2x 800W
Fans	4 - Standard	4 - Standard	4 - Standard
Management	HPE iLO 5	HPE iLO 5	HPE iLO 5
Rail Kit	SFF Easy Install with CMA		
Energy Star	Energy Star 2.1		
Form Factor	2U Rack		
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.		

<b>Powered by 1st Generation Intel Xeon Processors</b>	
SKU Number	<a href="#">P05524-B21</a>
Model Name	HPE ProLiant DL380 Gen10 4110 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W RPS Solution Server
Chassis	8SFF
Processor	4110 (8 core, 2.1 GHz, 85W)
Number of Processors	One processor With standard heatsink
Memory	16 GB RDIMM 2R 2666 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter
Storage Controller	P408i-a/2GB with Smart Storage Battery
Hard Drive	None included
Optical Drive	None included
PCIe Slots	3 PCIe: 2 x16, 1 x8
Power Supply	2x 500W
Fans	4 - Standard
Management	HPE iLO 5
Rail Kit	SFF Easy Install with CMA

Energy Star	Energy Star 2.1
Form Factor	2U Rack
Operating System	ClearOS/VM Installer (USB) <i>NOTE: ClearOS, an easy to use OS with an application marketplace, allows you to build a fully functional server that is just right for you at no upfront cost.</i>
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.
<i>NOTE: UEFI is the standard default for all models.</i>	

## Configuration Information - Factory Integrated Models

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 Us](#) for information on configurable product offerings and requirements.

1. Factory Integrated Models must start with a CTO Server.
2. FIO indicates that this option is only available as a factory installable option.
3. All Factory Integrated Models will be populated with sufficient hard drive blanks based on the number of initial hard drives ordered with the server.
4. 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 DL380 Gen10 8 LFF CTO Server	HPE ProLiant DL380 Gen10 12 LFF CTO Server	HPE ProLiant DL380 Gen10 8 SFF CTO Server	HPE ProLiant DL380 Gen10 24 SFF CTO Server
SKU Number	<a href="#">868706-B21</a>	<a href="#">868705-B21</a>	<a href="#">868703-B21</a>	<a href="#">868704-B21</a>
TAA SKU	875784-B21	875785-B21	875782-B21	875783-B21
Processor	Not included as standard	Not included as standard	Not included as standard	Not included as standard
DIMM Slots	24-DIMM slots	24-DIMM slots	24-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 standards in primary riser (with dual M.2 support)			
Drive Cage - included	8 LFF	12 LFF	8 SFF	24 SFF
Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card			
Fans	6-Standard	6-High Performance	4-Standard	6-Performance
Management	HPE iLO with Intelligent Provisioning (standard), iLO Advances and OneView (optional)			
USB	1x 3.0 standard	None as standard	1x 3.0 standard	1x 3.0 standard plus



	plus iLo front service port		plus iLo front service port	iLo front service port
--	-----------------------------	--	-----------------------------	------------------------

NOTE: 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).

NOTE: The HPE ProLiant DL380 Gen10 12 LFF CTO Server ships with the cable required for the P816i-a installation.

NOTE: All CTO servers are Energy Star 2.1 compliant.

CTO Server	8 SFF CTO Chassis	24 SFF CTO Chassis	8 LFF CTO Chassis	12 LFF CTO Chassis
Included Drive Cage	8 SFF SAS/SATA	3x 8 SFF SAS/SATA	8 LFF + UMB	12 LFF Chassis
<b>Additional drive cages</b>				
Universal Media Bay	1 Optional	Not available	1 Included	Not available
ODD	1 Optional with UMB	Not available	1 Optional	Not available
8 SFF Drive Cage	Up to 2 Optional	Not available	Not available	Not available
8 NVME/SAS Bay	Up to 3 Optional	Not available	Not available	Not available
8 NVME Cage	Up to 3 Optional	Not available	Not available	Not available
2 SFF SAS/SATA (Front)	1 Optional with UMB	Not available	1 Optional	Not available
2 SFF SAS/SATA (Rear)	1 Optional	1 Optional	1 Optional	1 Optional
2 NVMe (Front)	1 Optional with UMB	Not available	1 Optional	Not available
4 LFF Mid-plane	Not available	Not available	1 Optional	1 Optional
3 LFF Rear	Not available	Not available	1 Optional	1 Optional

**Step 2: Choose Required Options (only one of the following from each list 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 P02540L21 then for second processor, select P02540-B21.

NOTE: 8SFF CTO 1P models ship with 4 standard fans. The second processor option kit contains 2 additional fans. 12 LFF and 24 SFF CTO Servers ship with 6 High performance fans included; 8LFF CTO Servers ship with 6 Standard fans included. High performance fan kit is available to meet ambient temperature environments and are required for rear drives or NVMe configurations.

NOTE: 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.

NOTE: Mixing of 2 different processor models are NOT allowed.

NOTE: DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of DIMMs installed.

NOTE: Processors with 130W or higher will ship with the High Performance heat sink plus SKUs 8156, 6128, 5122 as noted below. All other will processors will ship with the Standard heat sink.

Processor Option Kits	Required Processor
<b>2nd Generation Intel Xeon-Platinum</b>	
HPE DL380 Gen10 Intel Xeon-Platinum 8280L (2.7GHz/28-core/205W) FIO Processor Kit	<a href="#">P02540-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8280M (2.7GHz/28-core/205W) FIO Processor Kit	<a href="#">P02535-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit	<a href="#">P02527-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8276M (2.2GHz/28-core/165W) FIO Processor Kit	<a href="#">P02534-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8276L (2.2GHz/28-core/165W) FIO Processor Kit	<a href="#">P02539-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit	<a href="#">P02526-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8270 (2.7GHz/26-core/205W) FIO Processor Kit	<a href="#">P02525-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit	<a href="#">P02524-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8260M (2.4GHz/24-core/165W) FIO Processor Kit	<a href="#">P02532-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8260L (2.4GHz/24-core/165W) FIO Processor Kit	<a href="#">P02538-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8260Y (2.4GHz/24-20-16-core/165W) FIO Processor Kit	<a href="#">P02508-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit	<a href="#">P02521-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8256 (3.8GHz/4-core/105W) FIO Processor Kit	<a href="#">P02519-L21</a>
NOTE: Ships with Performance Heatsink.	

HPE DL380 Gen10 Intel Xeon-Platinum 8253 (2.2GHz/16-core/125W) FIO Processor Kit	<a href="#">P02518-L21</a>
<b>1st Generation Intel Xeon-Platinum</b>	
HPE DL380 Gen10 Intel Xeon-Platinum 8180M (2.5GHz/28-core/205W) FIO Processor Kit	<a href="#">874752-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8180 (2.5GHz/28-core/205W) FIO Processor Kit	<a href="#">871619-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8176 (2.1GHz/28-core/165W) FIO Processor Kit	<a href="#">871618-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8170 (2.1GHz/26-core/165W) FIO Processor Kit	<a href="#">871617-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8168 (2.7GHz/24-core/205W) FIO Processor Kit	<a href="#">869089-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8165 (2.3GHz/24-core/205W) FIO Processor Kit	<a href="#">879423-L21</a>
HPE DL380 Gen10 Intel Xeon-Platinum 8164 (2.0GHz/26-core/145W) FIO Processor Kit	<a href="#">869088-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8160 (2.1GHz/24-core/150W) FIO Processor Kit	<a href="#">869086-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8158 (3.0GHz/12-core/150W) FIO Processor Kit	<a href="#">869090-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8156 (3.6GHz/4-core/105W) FIO Processor Kit	<a href="#">871616-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Platinum 8153 (2.0GHz/16-core/125W) FIO Processor Kit	<a href="#">826890-L21</a>
<b>2nd Generation Intel Xeon-Gold</b>	
HPE DL380 Gen10 Intel Xeon-Gold 6254 (3.1GHz/18-core/200W) FIO Processor Kit	<a href="#">P02517-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6252 (2.1GHz/24-core/150W) FIO Processor Kit	<a href="#">P02516-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6248 (2.5GHz/20-core/150W) FIO Processor Kit	<a href="#">P02514-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6244 (3.6GHz/8-core/150W) FIO Processor Kit	<a href="#">P02512-L21</a>

NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6242 (2.8GHz/16-core/150W) FIO Processor Kit	<a href="#">P02510-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6240 (2.6GHz/18-core/150W) FIO Processor Kit	<a href="#">P02509-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6240Y (2.6GHz/18-14-8-core/150W) FIO Processor Kit	<a href="#">P02507-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6230 (2.1GHz/20-core/125W) FIO Processor Kit	<a href="#">P02502-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 6212U (2.4GHz/24-core/165W) FIO Processor Kit	<a href="#">P11825-L21</a>
NOTE: Ships with Performance Heatsink; 2-processor configurations not supported with this processor; secondary and tertiary risers not supported	
HPE DL380 Gen10 Intel Xeon-Gold 6210U (2.5GHz/20-core/150W) FIO Processor Kit	<a href="#">P11826-L21</a>
NOTE: Ships with Performance Heatsink; 2-processor configurations not supported with this processor; secondary and tertiary risers not supported	
HPE DL380 Gen10 Intel Xeon-Gold 5222 (3.8GHz/4-core/105W) FIO Processor Kit	<a href="#">P02500-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 5220 (2.2GHz/18-core/125W) FIO Processor Kit	<a href="#">P02499-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5218B (2.3GHz/16-core/125W) FIO Processor Kit	<a href="#">P12513-L21</a>
NOTE: 5218B has consistent features with the 5218 processor but from a different die. Mixing both 5218B & 5218 in a system is not supported	
HPE DL380 Gen10 Intel Xeon-Gold 5218N (2.3GHz/16-core/105W) FIO Processor Kit	<a href="#">P11831-L21</a>
NOTE: 5218N processor available at launch; Intel® Speed Select Technology-Base Frequency enablement via System ROM upgrade targeting June 2019	
HPE DL380 Gen10 Intel Xeon-Gold 5218 (2.3GHz/16-core/125W) FIO Processor Kit	<a href="#">P02498-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5217 (3.0GHz/8-core/115W) FIO Processor Kit	<a href="#">P02497-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5215L (2.5GHz/10-core/85W) FIO Processor Kit	<a href="#">P02533-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5215M (2.5GHz/10-core/85W) FIO Processor Kit	<a href="#">P02530-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5215 (2.5GHz/10-core/85W) FIO Processor Kit	<a href="#">P02496-L21</a>
<b>1st Generation Intel Xeon-Gold</b>	
HPE DL380 Gen10 Intel Xeon-Gold 6154 (3.0GHz/18-core/200W) FIO Processor Kit	<a href="#">826888-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6152 (2.1GHz/22-core/140W) FIO Processor Kit	<a href="#">826886-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6150 (2.7GHz/18-core/165W) FIO Processor Kit	<a href="#">826884-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6148 (2.4GHz/20-core/150W) FIO Processor Kit	<a href="#">826882-L21</a>
NOTE: Ships with Performance Heatsink.	

HPE DL380 Gen10 Intel Xeon-Gold 6146 (3.2GHz/12-core/165W) FIO Processor Kit	<a href="#">826868-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) FIO Processor Kit	<a href="#">826860-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6143 (2.8GHz/16-core/205W) FIO Processor Kit	<a href="#">879424-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 6142 (2.6GHz/16-core/150W) FIO Processor Kit	<a href="#">826880-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6140 (2.3GHz/18-core/140W) FIO Processor Kit	<a href="#">826878-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6138 (2.0GHz/20-core/125W) FIO Processor Kit	<a href="#">826876-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 6137 (3.9GHz/8-core/205W) Financial Sector FIO Processor Kit	<a href="#">880168-L21</a>
NOTE: Ships with Performance Heatsink.	
NOTE: High frequency bin targeting FSI workloads. Configuration restrictions will apply, support on 8SFF only.	
NOTE: The system inlet ambient temperature is restricted at 22C.	
NOTE: NVMe drives CANNOT be ordered with this Processor.	
NOTE: HPE DL38X Gen10 High Performance Temperature Fan Kit (867810-B21) to be selected.	
NOTE: No rear drives are supported with this processor.	
NOTE: No Graphic cards (GPUs) are available with this processor selection.	
HPE DL380 Gen10 Intel Xeon-Gold 6136 (3.0GHz/12-core/150W) FIO Processor Kit	<a href="#">826874-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6134 (3.2GHz/8-core/130W) FIO Processor Kit	<a href="#">826872-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6134M (3.2GHz/8-core/130W) FIO Processor Kit	<a href="#">873645-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6132 (2.6GHz/14-core/140W) FIO Processor Kit	<a href="#">826870-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6130 (2.1GHz/16-core/120W) FIO Processor Kit	<a href="#">826866-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 6128 (3.4GHz/6-core/115W) FIO Processor Kit	<a href="#">826864-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 6126 (2.6GHz/12-core/120W) FIO Processor Kit	<a href="#">826862-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5122 (3.6GHz/4-core/105W) FIO Processor Kit	<a href="#">826858-L21</a>
NOTE: Ships with Performance Heatsink.	
HPE DL380 Gen10 Intel Xeon-Gold 5120 (2.2GHz/14-core/105W) FIO Processor Kit	<a href="#">826856-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5118 (2.3GHz/12-core/105W) FIO Processor Kit	<a href="#">826854-L21</a>
HPE DL380 Gen10 Xeon-G 5117 FIO Kit	<a href="#">P00756-L21</a>
HPE DL380 Gen10 Intel Xeon-Gold 5115 (2.4GHz/10-core/85W) FIO Processor Kit	<a href="#">876562-L21</a>
<b>2nd Generation Intel Xeon-Silver</b>	
HPE DL380 Gen10 Intel Xeon-Silver 4216 (2.1GHz/16-core/100W) FIO Processor Kit	<a href="#">P02495-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4215 (2.5GHz/8-core/85W) FIO Processor Kit	<a href="#">P02494-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4214Y (2.2GHz/12-10-8-core/85W) FIO Processor Kit	<a href="#">826874-L21</a>

HPE DL380 Gen10 Intel Xeon-Silver 4214 (2.2GHz/12-core/85W) FIO Processor Kit	<a href="#">P02493-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4210 (2.2GHz/10-core/85W) FIO Processor Kit	<a href="#">P02492-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4208 (2.1GHz/8-core/85W) FIO Processor Kit	<a href="#">P02491-L21</a>
<b>1st Generation Intel Xeon-Silver</b>	
HPE DL380 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) FIO Processor Kit	<a href="#">826852-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4114 (2.2GHz/10-core/85W) FIO Processor Kit	<a href="#">826850-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4112 (2.6GHz/4-core/85W) FIO Processor Kit	<a href="#">873647-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4110 (2.1GHz/8-core/85W) FIO Processor Kit	<a href="#">826846-L21</a>
HPE DL380 Gen10 Intel Xeon-Silver 4108 (1.8GHz/8-core/85W) FIO Processor Kit	<a href="#">826848-L21</a>
<b>2nd Generation Intel Xeon-Bronze</b>	
HPE DL380 Gen10 Intel Xeon-Bronze 3204 (1.9GHz/6-core/85W) FIO Processor Kit	<a href="#">P02489-L21</a>
<b>1st Generation Intel Xeon-Bronze</b>	
HPE DL380 Gen10 Intel Xeon-Bronze 3106 (1.7GHz/8-core/85W) FIO Processor Kit	<a href="#">873643-L21</a>
HPE DL380 Gen10 Intel Xeon-Bronze 3104 (1.7GHz/6-core/85W) FIO Processor Kit	<a href="#">873641-L21</a>
NOTE: Processors with 130W or higher will ship with the High Performance heat sink plus SKUs 8256, 8156, 6128, 5222, 5122 as noted below. All other will processors will ship with the Standard heat sink.	

## HPE Memory

Memory Option	Required Memory
<b>Registered DIMMs (RDIMMs)</b>	
HPE 8GB (1x8GB) Single Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00918-B21</a>
HPE 8GB (1x8GB) Single Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">815097-B21</a>
HPE 8GB (1x8GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">876181-B21</a>
HPE 16GB (1x16GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00920-B21</a>
HPE 16GB (1x16GB) Single Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">815098-B21</a>
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00922-B21</a>
HPE 16GB (1x16GB) Dual Rank x8 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">835955-B21</a>
HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00924-B21</a>
HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">815100-B21</a>
HPE 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00930-B21</a>
<b>Load Reduced DIMMs (LRDIMMs)</b>	

HPE 64GB (1x64GB) Quad Rank x4 DDR4-2933 CAS-21-21-21 Load Reduced Smart Memory Kit	<a href="#">P00926-B21</a>
HPE 64GB (1x64GB) Quad Rank x4 DDR4-2666 CAS-19-19-19 Load Reduced Smart Memory Kit	<a href="#">815101-B21</a>
HPE 128GB (1x128GB) Octal Rank x4 DDR4-2933 CAS-24-21-21 Load Reduced 3DS Smart Memory Kit	<a href="#">P00928-B21</a>
HPE 128GB (1x128GB) Octal Rank x4 DDR4-2666 CAS-22-19-19 3DS Load Reduced Memory Kit	<a href="#">815102-B21</a>
<b>HPE Persistent Memory (NVDIMM)</b>	
HPE 16GB NVDIMM Single Rank x4 DDR4-2666 Module Kit	<a href="#">845264-B21</a>
NOTE: A maximum of 12 NVDIMMs supported.	
NOTE: Can only be mixed with RDIMMs.	

### HPE Flex Slot Power Supplies

Power Supplies Option	Required Model
HPE 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">865408-B21</a>
HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	<a href="#">865438-B21</a>
HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">865414-B21</a>
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	<a href="#">865434-B21</a>
HPE 800W Flex Slot Universal Hot Plug Low Halogen Power Supply Kit	<a href="#">865428-B21</a>
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">830272-B21</a>

### Step 3: Choose Additional Factory Integratable Options

<b>HPE Security Options</b>	
HPE Gen10 TPM 1.2 FIO Setting	<a href="#">872108-B21</a>
NOTE: TPM 2.0 is set as default, for 1.2 TPM setting instead, please select this option.	
<b>HPE Unique Options</b>	
HPE DL38X Gen10 Slot 1/2 x16/x16 FIO Riser Kit	<a href="#">871674-B21</a>
NOTE: Slot 1 or 2 in Primary location; supports Full Height and Full length cards. NOTE: Bus width x16, x16, Connector Width x16, x16.	
HPE DL38X Gen10 x16/x16 GPU Slot2/3 FIO Riser Kit	<a href="#">871676-B21</a>
NOTE: Primary 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 4 NVMe Box 1 Instr Spec FIO	<a href="#">878186-B21</a>
HPE DL38X Gen10 x8/x8/x8 1-port 2 NVMe Slim SAS FIO Riser Kit	<a href="#">871673-B21</a>
NOTE: Supports 3x 8 and 1-port for NVMe; supports Full Height and half-length cards. Bus width x8, x8, x8 Connector Width x8, x8, x8.	
HPE 2 NVMe Instr Spec FIO	<a href="#">878189-B21</a>
NOTE: This will connect 2 SFF cage installed in the front of the chassis to NVMe.	
HPE Special Enablement Kits	<a href="#">878192-B21</a>
NOTE: Indicates the cage will also have an NVMe connection.	
HPE 8SFF Front Remove SPEC Perf FIO	<a href="#">873763-B21</a>

NOTE: Will remove the Primary 8SFF cage in Box 3 of the 8SFF and replace with a Box blank.	
HPE Riser Remove SPEC FIO	873766-B21
NOTE: Will remove the Primary shipping PCIe riser.	
HPE Legacy FIO Mode Setting	758959-B22
NOTE: UEFI is the default, this FIO part can be used for CTO to enable Legacy mode.	
HPE Smart Memory Fast Fault Tolerance FIO Setting	<a href="#">875293-B21</a>
NOTE: Fast Fault Tolerance is a new feature in Gen10 server memory that enables the system to boot with full memory performance while monitoring for DRAM device failures.	
<b>HPE Converged Infrastructure Management Software</b>	
HPE OneView for ProLiant DL Server including 3yr 24x7 Support FIO Bundle Physical 1-server LTU	<a href="#">E5Y43A</a>
HPE OneView w/o iLO including 3yr 24x7 Support 1-server FIO LTU	P8B31A

**Step 4: Choose Additional Options for Factory Integration from Options sections below.**

## Options

**NOTE: 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 Us](#) for additional information.**

<b>HPE Optical Drives</b>	HPE 9.5mm SATA DVD-ROM Optical Drive	<a href="#">726536-B21</a>
	NOTE: The Universal Media Bay ( <a href="#">724865-B21</a> ) is required for this option.	
	HPE 9.5mm SATA DVD-RW Optical Drive	<a href="#">726537-B21</a>
	NOTE: The Universal Media Bay ( <a href="#">724865-B21</a> ) is required for this option.	
	HPE Mobile USB DVD-RW Optical Drive	<a href="#">701498-B21</a>
NOTE: This is only supported on USB 3.0 ports.		
<b>HPE Hard Drives</b>	<b>12G SAS Hot Plug SFF (2.5-inch) Enterprise (ENT) Drives</b>	
	HPE 2.4TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD	<a href="#">881457-B21</a>
	HPE 1.8TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD	<a href="#">872481-B21</a>
	HPE 1.2TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">872479-B21</a>
	HPE 900GB SAS 12G Enterprise 15K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">870759-B21</a>
	HPE 600GB SAS 12G Enterprise 15K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">870757-B21</a>
	HPE 600GB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">872477-B21</a>
	HPE 300GB SAS 12G Enterprise 15K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">870753-B21</a>



HPE 300GB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty Digitally Signed Firmware HDD	<a href="#">872475-B21</a>
HPE 900GB SAS 12G Enterprise 15K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD	<a href="#">870765-B21</a>
<b>SAS Hot Plug SFF (2.5-inch) Midline (MDL) Drives</b>	
HPE 2TB SAS 12G Midline 7.2K SFF (2.5in) SC 1yr Wty 512e HDD	<a href="#">765466-B21</a>
HPE 1TB SAS 12G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">832514-B21</a>
HPE 1TB SAS 12G Midline 7.2K SFF (2.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	<a href="#">765464-B21</a>
<b>12G SAS Hot Plug LFF (3.5-inch) Enterprise (ENT) Drives</b>	
HPE 600GB SAS 12G Enterprise 15K LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware HDD	<a href="#">P04695-B21</a>
HPE 300GB SAS 12G Enterprise 15K LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware HDD	<a href="#">P04693-B21</a>
<b>12G SAS Hot Plug LFF (3.5-inch) SC Midline Hard Drives - 1yr Warranty</b>	
HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	<a href="#">819201-B21</a>
HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872487-B21</a>
HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872487-B21</a>
HPE 2TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872485-B21</a>
HPE 2TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872485-B21</a>
HPE 10TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Helium 512e Digitally Signed Firmware HDD	<a href="#">857644-B21</a>
HPE 6TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">846514-B21</a>
HPE 6TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e HDD	<a href="#">861754-B21</a>
HPE 1TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">846524-B21</a>
<b>SATA Hot Plug SFF (2.5-inch) Midline (MDL) Drives</b>	
HPE 2TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	<a href="#">765455-B21</a>
HPE 1TB SATA 6G Midline 7.2K SFF (2.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">655710-B21</a>
<b>SATA Hot Plug LFF (3.5-inch) Midline (MDL) Drives</b>	
HPE 8TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	<a href="#">819203-B21</a>

HPE 6TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e HDD	<a href="#">861750-B21</a>
HPE 4TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872491-B21</a>
HPE 4TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872491-B21</a>
HPE 1TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty HDD	<a href="#">861691-B21</a>
HPE 12TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Helium 512e Digitally Signed Firmware HDD	<a href="#">881785-B21</a>
HPE 10TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Helium 512e Digitally Signed Firmware HDD	<a href="#">857648-B21</a>
HPE 2TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872489-B21</a>
HPE 2TB SATA 6G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	<a href="#">872489-B21</a>
<b>12G SAS Mixed Use Hot Plug SFF (2.5-inch) Solid State Drives</b>	
HPE 6.4TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09096-B21</a>
HPE 3.2TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09094-B21</a>
HPE 1.6TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09092-B21</a>
HPE 800GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09090-B21</a>
HPE 400GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09088-B21</a>
HPE 6.4TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04539-B21</a>
HPE 3.2TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04537-B21</a>
HPE 1.6TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04533-B21</a>
HPE 800GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04527-B21</a>
HPE 400GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04525-B21</a>
HPE 3.2TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	872386-B21
HPE 1.6TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	873365-B21
HPE 1.6TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872382-B21</a>

HPE 800GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	873363-B21
HPE 800GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872376-B21</a>
HPE 400GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">873359-B21</a>
HPE 400GB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872374-B21</a>
HPE 3.2TB SAS 12G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	873367-B21
<b>12G SAS Hot Plug RI-3 SFF (2.5-inch) SC Solid State Drives</b>	
HPE 7.68TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04523-B21</a>
HPE 3.84TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04521-B21</a>
HPE 1.92TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04519-B21</a>
HPE 960GB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04517-B21</a>
HPE 15.3TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06592-B21</a>
HPE 7.68TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06590-B21</a>
HPE 3.84TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06588-B21</a>
HPE 1.92TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06586-B21</a>
HPE 960GB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06584-B21</a>
HPE 3.84TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872394-B21</a>
HPE 1.92TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872392-B21</a>
HPE 1.92TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875326-B21</a>
HPE 960GB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872390-B21</a>
HPE 960GB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875313-B21</a>
HPE 480GB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	875311-B21

HPE 15.3TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">870148-B21</a>
HPE 7.68TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">870144-B21</a>
HPE 3.84TB SAS 12G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875330-B21</a>
<b>12G SAS Hot Plug MU-3 LFF (3.5-inch) SC Solid State Drives</b>	
HPE 800GB SAS 12G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	872378-B21
HPE 800GB SAS 12G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04529-B21</a>
<b>12G SAS Hot Plug SFF (2.5-inch) Write Intensive Solid State Drives</b>	
HPE 3.2TB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04547-B21</a>
HPE 1.6TB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04545-B21</a>
HPE 1.6TB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09102-B21</a>
HPE 800GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09100-B21</a>
HPE 400GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09098-B21</a>
HPE 800GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04543-B21</a>
HPE 400GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04541-B21</a>
HPE 1.6TB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	873357-B21
HPE 800GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	873355-B21
HPE 400GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">873351-B21</a>
<b>6G SATA Hot Plug SFF (2.5-inch) SC Read Intensive Solid State Drives</b>	
HPE 3.84TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04570-B21</a>
HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06198-B21</a>
HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875513-B21</a>
HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04566-B21</a>

HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06196-B21</a>
HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875511-B21</a>
HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04564-B21</a>
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06194-B21</a>
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875509-B21</a>
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04560-B21</a>
HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875503-B21</a>
HPE 240GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04556-B21</a>
HPE 7.68TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04482-B21</a>
HPE 3.84TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04480-B21</a>
HPE 1.92TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04478-B21</a>
HPE 960GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04476-B21</a>
HPE 480GB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P04474-B21</a>
HPE 3.84TB SATA 6G Read Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P06200-B21</a>
<b>Read Intensive - 6G SATA - M.2 - Solid State Drives</b>	
HPE 480GB SATA 6G Read Intensive M.2 2280 3yr Wty Digitally Signed Firmware SSD	<a href="#">875498-B21</a>
HPE 960GB SATA 6G Read Intensive M.2 2280 3yr Wty Digitally Signed Firmware SSD	<a href="#">875500-B21</a>
<b>6G SATA Hot Plug SFF (2.5-inch) SC Mixed Use Solid State Drives</b>	
HPE 1.92TB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09722-B21</a>
HPE 960GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09716-B21</a>
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09712-B21</a>

HPE 1.92TB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07930-B21</a>
HPE 960GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07926-B21</a>
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07922-B21</a>
HPE 1.92TB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872352-B21</a>
HPE 1.92TB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875478-B21</a>
HPE 960GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	872348-B21
HPE 960GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875474-B21</a>
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872344-B21</a>
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875470-B21</a>
HPE 240GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875483-B21</a>
HPE 3.84TB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P00896-B21</a>
<b>Mixed Use - 6G SATA - M.2 - Solid State Drives</b>	
HPE 240GB SATA 6G Mixed Use M.2 2280 3yr Wty Digitally Signed Firmware SSD	<a href="#">875488-B21</a>
HPE 960GB SATA 6G Mixed Use M.2 2280 3yr Wty Digitally Signed Firmware SSD	<a href="#">875492-B21</a>
HPE 480GB SATA 6G Mixed Use M.2 2280 3yr Wty Digitally Signed Firmware SSD	<a href="#">875490-B21</a>
<b>6G SATA Hot Plug LFF (3.5-inch) SCC Read Intensive Solid State Drives</b>	
HPE 1.92TB SATA 6G Read Intensive LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09693-B21</a>
HPE 960GB SATA 6G Read Intensive LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09689-B21</a>
HPE 480GB SATA 6G Read Intensive LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09687-B21</a>
<b>6G SATA Hot Plug LFF (3.5-inch) SC Mixed Use Solid State Drives</b>	
HPE 1.92TB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09724-B21</a>
HPE 960GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P09718-B21</a>

HPE 1.92TB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07932-B21</a>
HPE 960GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07928-B21</a>
HPE 480GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">P07924-B21</a>
HPE 1.92TB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">875480-B21</a>
HPE 960GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872350-B21</a>
HPE 960GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	P03691-B21
HPE 480GB SATA 6G Mixed Use LFF (3.5in) SCC 3yr Wty Digitally Signed Firmware SSD	<a href="#">872346-B21</a>
<b>HPE NVMe PCIe Read Intensive SFF (2.5 inch) Solid State Drives</b>	
HPE 7.68TB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10218-B21
HPE 3.84TB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10216-B21
HPE 1.92TB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10214-B21
HPE 2TB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	877986-B21
HPE 1.92TB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875591-B21
HPE 960GB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875589-B21
HPE 480GB NVMe x4 Lanes Read Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875587-B21
HPE 375GB NVMe x4 Lanes Write Intensive SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	878014-B21
<b>NOTE: With NVMe support only 1xDouble Wide Graphics card is supported.</b>	
<b>HPE NVMe PCIe Mixed Use SFF (2.5 inch) Solid State Drives</b>	
HPE 6.4TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10226-B21
HPE 3.2TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10224-B21
HPE 1.6TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	P10222-B21
HPE 3.2TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	877998-B21

	HPE 1.6TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875597-B21
	HPE 1.6TB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	877994-B21
	HPE 800GB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875595-B21
	HPE 400GB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3yr Wty Digitally Signed Firmware SSD	875593-B21
	NOTE: With NVMe support only 1xDouble Wide Graphics card is supported.	
	NOTE: The NVMe CTO Server (810393-B21) or the NVMe Express Bay Enablement kit ( <a href="#">774741-B21</a> ) are required to support these drives.	
	NOTE: With NVMe support only 1xDouble Wide Graphics card is supported.	
<b>HPE Networking</b>	<b>100 Gigabit Ethernet Adapters</b>	
	HPE Ethernet 100Gb 1-port 842QSFP28 Adapter	874253-B21
	<b>1 Gigabit Ethernet adapters</b>	
	HPE Ethernet 1Gb 4-port 331T Adapter	<a href="#">647594-B21</a>
	HPE Ethernet 1Gb 4-port 366T Adapter	<a href="#">811546-B21</a>
	HPE Ethernet 1Gb 2-port 332T Adapter	<a href="#">615732-B21</a>
	HPE Ethernet 1Gb 2-port 361T Adapter	<a href="#">652497-B21</a>
	<b>10 Gigabit Ethernet adapters</b>	
	HPE Ethernet 10Gb 2-port 530SFP Adapter	<a href="#">652503-B21</a>
	HPE Ethernet 10Gb 2-port 530T Adapter	<a href="#">656596-B21</a>
	HPE Ethernet 10Gb 2-port 562SFP+ Adapter	<a href="#">727055-B21</a>
	HPE Ethernet 10Gb 2-port 546SFP+ Adapter	<a href="#">779793-B21</a>
	HPE Ethernet 10Gb 2-port 560SFP+ Adapter	<a href="#">665249-B21</a>
	HPE Ethernet 10Gb 2-port 561T Adapter	<a href="#">716591-B21</a>
	NOTE: The DL380 Gen10 ships with 4x 1 Gb Embedded.	
	NOTE: A minimum of two Gigabytes (2 GB) of server memory is required per each adapter.	
	NOTE: Direct Attach Cable (DAC) for copper environments or fiber transceivers and cables for fiber-optic environments must be purchased separately.	
	<b>25 Gigabit Ethernet adapters</b>	
	HPE Ethernet 10/25Gb 2-port 640SFP28 Adapter	<a href="#">817753-B21</a>
	<b>FlexibleLOM Adapters</b>	
	HPE Ethernet 1Gb 4-port 331FLR Adapter	<a href="#">629135-B22</a>
	HPE Ethernet 1Gb 4-port 366FLR Adapter	<a href="#">665240-B21</a>
HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	<a href="#">700759-B21</a>	
HPE FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter	<a href="#">700751-B21</a>	



	HPE FlexFabric 10Gb 4-port 536FLR-T Adapter	<a href="#">764302-B21</a>
	HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	<a href="#">727054-B21</a>
	HPE Ethernet 10Gb 2-port 535FLR-T Adapter	817721-B21
	HPE Ethernet 10Gb 2-port 562FLR-T Adapter	817745-B21
	HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 Converged Network Adapter	867334-B21
<p>NOTE: The DL380 Gen9 chassis ships with 4x1Gb Embedded.</p> <p>NOTE: Only one FlexibleLOM can be added to the server. These options are upgradeable and can be changed from the original configuration after the server is shipped.</p> <p>NOTE: Direct Attach Cable (DAC) for copper environments or fiber transceivers and cables for fiber-optic environments must be purchased separately.</p>		
<b>HPE InfiniBand</b>	<b>HPE InfiniBand QDR/Ethernet 10Gb 2-port 544+FLR-QSFP Adapter</b>	
	HPE InfiniBand FDR/Ethernet 10Gb/40Gb 2-port 544+FLR-QSFP Adapter	<a href="#">764285-B21</a>
	HPE InfiniBand FDR/Ethernet 10Gb/40Gb 2-port 544+QSFP Adapter	<a href="#">764284-B21</a>
	HPE 100Gb 1-port OP101 QSFP28 x16 PCIe Gen3 with Intel Omni-Path Architecture Adapter	<a href="#">829335-B21</a>
	HPE InfiniBand EDR/Ethernet 100Gb 1-port 840QSFP28 Adapter	<a href="#">825110-B21</a>
	HPE InfiniBand EDR/Ethernet 100Gb 2-port 840QSFP28 Adapter	<a href="#">825111-B21</a>
	HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	<a href="#">872726-B21</a>

## Technical Specifications

System Unit			
Dimensions	8.73 x 44.54 x 67.94 cm 3.44 x 17.54 x 26.75 in		SFF Drives:
	8.73 x 44.54 x 73.02 cm 3.44 x 17.54 x 28.75 in		LFF Drives:
Weight (approximate)	Maximum:	19.5 kg 43.00 lbs	Minimum: 8 SFF chassis with 1x SFF HDD and 7 HDD blanks, 2x Drive Bay blanks, 1x processor including standard heatsink, 1x power supply (plus blank), 1x Smart Array, 1x Riser installed, cables for the above)
	Minimum:	14.9 kg 32.75 lbs	
	Maximum:	24.5 kg 54 lbs	Maximum: 12 LFF hard drives (no rear drives), 2x processors, 2x power supplies, 1x Smart Array, 2x Risers installed)
	Minimum:	17.1 kg 37.75 lbs	
Input Requirements	Rated Line Voltage		100 to 120 VAC

(per power supply)			200 to 240 VAC
BTU Rating	Maximum		For 800W Power Supply: 3207 BTU/hr (at 100 VAC), 3071 BTU/hr (at 200 VAC), 3112 BTU/hr (at 240 VAC) for China Only
			For 500W Power Supply: 1979 BTU/hr (at 100 VAC), 1911 BTU/hr (at 200 VAC), 1965 BTU/hr (at 240 VAC) for China Only
Power Supply Output (per power supply)	Rated Power	Steady-State	For 1400W Power Supply: 1400W (at 240 VAC), 1400W (at 240 VAC)
			For 800W Power Supply: 800W (at 100 VAC), 800W (at 240 VAC), 800W (at 240 VAC) input for China only
			For 500W Power Supply: 500W (at 100 VAC), 500W (at 240 VAC), 500W (at 240 VAC) input for China only
	Maximum Peak Power	For 1400W Power Supply: 1400W (at 200 to 240 1VAC), 1400W (at 240 VAC) input for China only	
For 800W Power Supply: 800W (at 100 to 127 VAC), 800W (at 200 to 240 1VAC), 800W (at 240 VAC) input for China only			
For 500W Power Supply: 500W (at 100 to 127 VAC), 500W (at 200 to 240 VAC), 500W (at 240 VAC) input for China only			
System Inlet Temperature	Standard Operating Temperature	Standard Operating Temperature	10° to 35°C (50° to 95°F) at sea level with an altitude derating of 1.0°C per every 305 m (1.8°F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct sustained sunlight. Maximum rate of change is 20°C/hr (36°F/hr). The upper limit and rate of change may be limited by the type and number of options installed.
			Extended Ambient Operating Temperature

		supported system inlet range is extended to be: 40° to 45°C (104° to 113°F) at sea level with an altitude derating of 1.0°C per every 125 m (1.8°F per every 410 ft) above 900 m (2953 ft) to a maximum of 3050 m (10,000 ft).  System performance may be reduced if operating in the extended ambient operating range or with a fan fault.
	Non-operating	-30° to 60°C (-22° to 140°F). Maximum rate of change is 20°C/hr (36°F/hr).
Relative Humidity	Operating	8% to 90% - Relative humidity (Rh), 28°C maximum wet bulb temperature, non-condensing.
(non-condensing)	Non-operating	5 to 95% relative humidity (Rh), 38.7°C (101.7°F) maximum wet bulb temperature, non-condensing.
Altitude	Operating	3050 m (10,000 ft). This value may be limited by the type and number of options installed. Maximum allowable altitude change rate is 457 m/min (1500 ft/min).
	Non-operating	9144 m (30,000 ft). Maximum allowable altitude change rate is 457 m/min (1500 ft/min).

#### Acoustic Noise

Listed are the declared A-Weighted sound power levels (LWAd) and declared average bystander position A-Weighted sound pressure levels (LpAm) when the product is operating in a 23°C ambient environment. Noise emissions were measured in accordance with ISO 7779 (ECMA 74) and declared in accordance with ISO 9296 (ECMA 109). The listed sound levels apply to standard shipping configurations. Additional options may result in increased sound levels. Please have your HPE representative provide information from the HPE EMESC website for further technical details regarding the configurations listed below.

#### Idle

LWAd	4.8 B Entry
	4.4 B Base
	4.6 B Perf
LpAm	37 dBA Entry
	31 dBA Base
	31 dBA Perf

#### Operating

LWAd	4.8 B Entry
	4.4 B Base

	4.6 B Perf
LpAm	37 dBA Entry
	31 dBA Base
	31 dBA Perf
<p>NOTE: Acoustics levels presented here are generated by the test configuration only. Acoustics levels will vary depending on system configuration. Values are subject to change without notification and are for reference only.</p> <p>NOTE: Product conformance to cited product specifications is based on sample (type) testing, evaluation, or assessment. This product or family of products is eligible to bear the appropriate compliance logos and statements.</p> <p>NOTE: The Listed sound levels apply to standard shipping configurations. Additional options may result in increased sound levels.</p>	

## Where to Buy

### Want to buy this series of products? please contact:

- Tel: +1-626-239-8066 (USA)/ +852-3050-1066 / +852-3174-6166
- Fax: +852-3050-1066 (Hong Kong)
- Email: sales@router-switch.com (Sales Inquiries)

**Or visit:** [HPE DL380 Gen10 Server](#)

### About us

Router-switch.com, founded in 2002, is one of the biggest Global Network Hardware Supplier. We are a leading provider of network products with 14,500+ customers in over 200 countries. We provide original new and used network equipments (Cisco, Huawei, HPE, Dell, Juniper, EMC, etc.), including Routers, Switches, Servers, Storage, Telepresence and Videoconferencing, IP Phones, Firewalls, Wireless APs & Controllers, EHWIC/HWIC/VWIC Cards, SFPs, Memory & Flash, Hard Disk, Cables, and all kinds of network solutions related products.

## Source

<https://h20195.www2.hp.com/v2/gethtml.aspx?docname=a00008180enus>