



# HPE ProLiant DL360 Gen10 Server Data Sheet



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## Overview

The [HPE ProLiant DL360 Gen10 Server](#) supports the Intel® Xeon® Scalable Processor Family with up to 28 cores, plus 2933 MT/s HPE DDR4 SmartMemory supporting up to 3.0 TB max. With the added performance that HPE DC Persistent Memory (available 2H19), HPE NVDIMMs and 10 NVMe bring, the HPE ProLiant DL360 Gen10 means business. Deploy this dense platform for diverse workloads in space constrained environments and maintain it with ease by automating the most essential server lifecycle management tasks with HPE OneView and HPE iLO 5.

### 8 SFF Front View – 8 SFF + 2 SFF Universal Media Bay option shown



#### Note:

①	Drive support label
②	Quick removal access panel
③	Serial no. label pull tab
④	Universal Media Bay Options*
⑤	Power On/Standby button and system power LED
⑥	Health LED
⑦	NIC status LED
⑧	UID button/LED
⑨	USB 3.0 port
⑩	iLO Service Port
⑪	Standard 8 SAS/SATA/SSD drive bays

\*Option shown: +2 SFF SAS/SATA (total 10SFF)

Option: +2 SFF NVMe drives

Option: DVD-RW or DVD-ROM + Display port & USB 2.0 port Kit

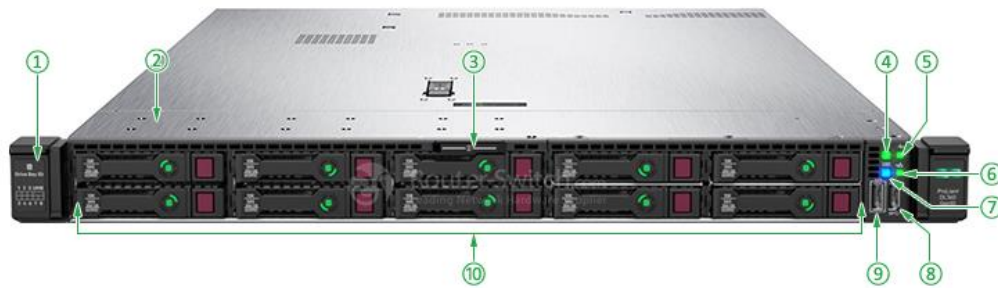
Option: +2 Dual uFF (4x M.2 cartridges)

Option: Display port + USB 2.0 port Kit + Blank

**NOTE:** Rear drive option allows for an additional + 1 SFF or +1 Dual uFF (2x M.2 cartridges).

**NOTE:** System Insight Display (SID) module will include #5-9 above (will not include #10 - iLO Service Port).

## Premium 10SFF NVMe Front View



### Note:

①	Drive support label
②	Quick removal access panel
③	Serial no. label pull tab
④	Power On/Standby button and system power LED
⑤	Health LED
⑥	NIC status LED
⑦	UID button/LED
⑧	USB 3.0 port
⑨	iLO Service Port
⑩	Max up to 10 NVMe drives (PCIe direct attached) or 8 SAS/SATA + 2 NVMe

**NOTE:** Other options not shown.

**NOTE:** Rear drive option allows for an additional + 1 SFF or +1 Dual uFF (2x M.2 cartridges).

**NOTE:** System Insight Display (SID) module will include #4-8 above (will not include #9 - iLO Service Port).

## 4 LFF Front View – Standard 4 LFF shown



### Note:

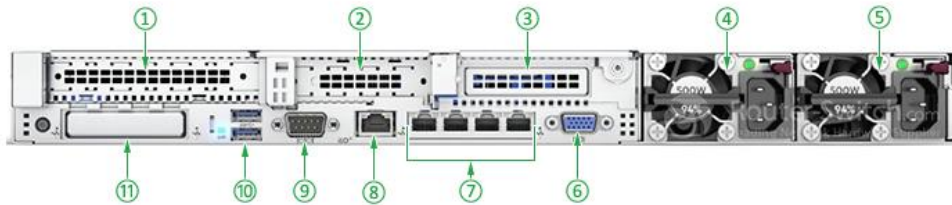
①	Drive support label
②	Quick removal access panel
③	Option: DVD-RW or DVD-ROM (blank shown)

④	Serial no. label pull tab
⑤	Option: Display port & USB 2.0 port Kit (blank shown)
⑥	Option: System insight Display (SID)* - standard shown
⑦	iLO Service Port
⑧	USB 3.0 Port
⑨	UID button/LED, Power On/Standby button and system power LED, Health LED, NIC status LED
⑩	SAS/SATA/SSD drive bays

**NOTE:** \*This option will lose #7 iLO Service Port.

**NOTE:** Rear drive option allows for additional + 1 SFF or +1 Dual uFF (2x M.2 cartridges), will lose one FH PCIe slot.

**Rear View**



Note:

①	Slot 1 PCIe 3.0
②	Slot 2 PCIe 3.0
③	Option: Slot 3 PCIe 3.0 (Requires 2nd processor)
④	Power Supply 2
⑤	Power Supply 1
⑥	VGA port
⑦	Embedded 4x 1GbE Adapter
⑧	iLO Management Port
⑨	Option: Serial Port
⑩	USB 3.0 Ports
⑪	Option: FlexibleLOM (Shown: 4x 1GbE)

**What's New**

- 2nd generation Intel® Xeon® Scalable Processor Family (select SKUs)
- 8/16/32/64/128GB 2933 DIMMs
- Enhanced iLO 5 security features such as server configuration lock, iLO security dashboard and workload performance advisor
- HPE Smart Hybrid Capacitor
- 1.6/3.2/6.4TB NVMe PCIe Accelerators

- 480/960GB, 1.92/3.84TB SATA Mixed Use SFF SSDs
- 240/480/960GB, 1.92/3.84TB SATA Read Intensive SFF SSDs
- 960GB, 1.92/3.84TB Value SAS Mixed Use SFF SSD
- 960GB, 1.92TB Value SAS Mixed Use LFF SSD
- 960GB, 1.92/3.84/7.68TB Value SAS Read Intensive SFF SSDs

## Platform Information

<p><b>Form Factor</b></p> <p>1U rack</p>
<p><b>Chassis Types</b></p> <p>8 SFF with options supporting: +2 SFF or 2 NVMe or 2 Dual uFF (4x M.2 cartridges)</p> <p>10 SFF NVMe Premium</p> <p>4 LFF</p> <p>NOTE: New Rear drive option available on all DL360 Gen10 chassis types for additional boot/storage: +1SFF or 1 Dual uFF (2x M.2 cartridges).</p>
<p><b>System Fans</b></p> <p>Single rotor hot plug fans will be included</p> <p><b>For 4 LFF and 8 SFF chassis:</b></p> <p>1 CPU – Includes 5 standard fans</p> <p>2 CPUs – Includes 7 standard fans</p> <p>NOTE: Optional High Performance Fan Kit available (includes 7 fans).</p> <p>NOTE: The DL360 Gen10 will support up to 7 fans with fan redundancy built in. One fan rotor failure will place server in degraded mode but fully functional. Two fan rotor failures could provide warning and imminent server shutdown.</p> <p><b>For 10 NVMe Premium chassis:</b> 2 CPUs – Includes 7 high performance fans as standard</p>

## Standard Features

### Processor

Up to 2 of the following depending on model

NOTE: For more information regarding Intel Xeon processors, please see the following <http://www.intel.com/xeon>.

NOTE: This table covers the public Intel offering only.

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

Processor			MB		GT/s	MT/s	
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>							
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 8160M Processor	2.1 GHz	24	33.00 MB	150W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
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



**NOTE: Platinum Processors:**

**2nd Generation:**

6-Channel DDR4 @ 2933 MT/s.

6TB max RAM (larger than 2TB memory per socket on select SKUs)

Support for: HPE DC Persistent Memory (select skus) 2H19, Vector Neural Network Instructions (VNNI) for inference acceleration.

2 and 4 sockets capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 10.4 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, advanced RAS

**1st Generation:**

6-Channel 1DPC DDR4 @ 2666 MT/s.

768 GB max memory capacity (1.5 TB on select skus)

2 and 4 sockets capable, 2S - 2UPI, 4S - 3UPI, 8S - 3UPI @ 10.4 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, advanced RAS.

<b>2nd Generation Intel® Xeon® Scalable Processor Family</b>								
<b>Intel Xeon Models</b>	<b>CPU Frequency</b>	<b>Cores</b>	<b>L3 Cache</b>	<b>Power</b>	<b>UPI</b>	<b>DDR4</b>	<b>Memory per socket</b>	
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	
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

Processor					10.4 GT/s	MT/s	
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	3.6 GHz	4	16.50 MB	105W	2 @	2666	768GB

Processor						10.4 GT/s	MT/s	
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

**NOTE: Gold Processors:**

**2nd Generation:**

NOTE: 5218N processor available at launch, Intel® Speed Select Technology-Base Frequency enablement via System ROM upgrade targeting June 2019

NOTE: 5218B has consistent features with the 5218 processor but from a different die. Mixing both 5218B & 5218 in a system is not supported 6-Channel DDR4 @ 2933 MT/s (Gold 6200 & 5222 skus only), 2666 MT/s on all Gold 5200 skus (except 5222 @ 2933 MT/s).

6TB max RAM (larger than 2TB memory per socket on select SKUs)

Support for: HPE DC Persistent Memory (select skus) 2H19, Vector Neural Network Instructions (VNNI) for inference acceleration.

2 and 4 sockets capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 10.4 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, advanced RAS

**1st Generation:**

6-Channel 1DPC DDR4 @ 2400 MT/s (SKU 5122 - supports 2666 MT/s).

768 GB max memory capacity (1.5 TB on select skus).

2 and 4 sockets capable, 2S - 2UPI, 4S - 3UPI @ 10.4 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel AVX-512 (1x 512-bit FMA) (SKU 5122 - supports 2x 512 bit FMA).

48 lanes PCIe 3.0, advanced RAS.

<b>2nd Generation Intel® Xeon® Scalable Processor Family</b>								
Silver Processor	4216	2.1 GHz	16	22 MB	100W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver Processor	4215	2.5 GHz	8	11 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver Processor	4214Y	2.2 GHz	12/10/ 8	16.5 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver Processor	4214	2.2 GHz	12	16.5 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB

Silver Processor	4210	2.2 GHz	10	10 MB	85W	2 @ 9.6 GT/s	2400 MT/s	1TB
Silver Processor	4208	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 Processor	4116	2.1 GHz	12	16.50 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver Processor	4114	2.2 GHz	10	13.75 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver Processor	4112	2.6 GHz	4	8.25 MB	85W	2 @ 9.6 GT/s	2400 MT/s	768GB
Silver Processor	4110	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

**NOTE: Silver Processors:**

**2nd Generation:**

6-Channel DDR4 @ 2400 MT/s.

2TB max RAM

Support for: Intel® Vector Neural Network Instructions (VNNI) for inference acceleration.

2 and 4 sockets capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 9.6 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, standard RAS

**1st Generation:**

6-Channel DDR4 @ 2400 MT/s, 768 GB max memory capacity.

2 sockets capable, 2S - 2UPI @ 9.6 GT/s.

Intel Turbo Boost Technology, Intel Hyper-Threading Technology, Intel AVX-512 (1x 512-bit FMA).

48 lanes PCIe 3.0, standard RAS.

<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: Bronze Processors:**

**2nd Generation:**

6-Channel DDR4 @ 2133 MT/s.

2TB max RAM

Support for: Intel® Vector Neural Network Instructions (VNNI) for inference acceleration.

2 and 4 sockets capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 9.6 GT/s.

Intel AVX-512 (2x 512-bit FMA).

48 lanes PCIe 3.0, standard RAS

#### 1st Generation:

6-Channel DDR4 @ 2133 MT/s, 768 GB max memory capacity.

2 sockets capable, 2S - 2UPI @ 9.6 GT/s.

Intel AVX-512 (1x 512-bit FMA).

48 lanes PCIe 3.0, standard RAS.

### 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

NOTE: NVDIMMs are only supported on 1st generation Intel Xeon Scalable Processors and can only be mixed with RDIMMs.

NOTE: HPE DC Persistent Memory available 2H19

NOTE: Maximum memory per socket is dependent on processor selection. 2nd generation processors supporting 2 TB or 4.5 TB per CPU are indicated by the "M" and "L" in the processor model names (i.e. 8276M and 8276L). 1st generation processors supporting 1.5 TB per CPU are indicated by the "M" in the processor model names (ie 8160M)

NOTE: Mixing of RDIMM and LRDIMM memory is not supported.

### Memory Protection

Advanced ECC: Advanced ECC uses single device data correction to detect and correct single and all multibit error that occurs within a single DRAM chip.

Online Spare: Memory online spare mode detects a rank that is degrading and switches operation to the spare rank.

## Expansion Slots

Primary GPU Riser	Expansion Slots #	Technology	Bus Width	Connector Width	Processor	Slot Form Factor
	1	PCIe 3.0	x16	x16	CPU1	Full-height, 3/4 length (up to 9.5in)
	2	PCIe 3.0	x8	x8	CPU1	Low Profile
Primary SATA M.2 Riser	Expansion Slots #	Technology	Bus Width	Connector Width	Processor	Slot Form Factor
	1	PCIe 3.0	x16	x16	CPU 1	Full-height; 3/4 length (up to 9.5in)
	2	PCIe 3.0	x16	x16	CPU 1	Low Profile
Primary NVMe Riser	Expansion Slots #	Technology	Bus Width	Connector Width	Processor	Slot Form Factor
	1	PCIe 3.0	x16	x16	CPU 1	Full-height; 3/4 length (up to 9.5")
	2	PCIe 3.0	x8	x8	CPU 1	Low Profile
Secondary Riser*	Expansion Slots #	Technology	Bus Width	Connector Width	Processor	Slot Form Factor
	3	PCIe 3.0	x16	x16	CPU 2	Low Profile or Full-height; 3/4 length (up to 9.5")

NOTE: If secondary full height kit is installed, then primary PCIe Slot #2 cannot be used. Only 2 full height slots are supported.

## Storage Controller

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 is a 14-port SATA controller, 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.
NOTE: For Linux users, HPE offers a solution that uses in-distro open-source software to create a two-disk RAID 1 boot volume.

Essential RAID Controllers
HPE Smart Array E208i-a SR Gen10 Controller
HPE Smart Array E208i-a SR G10 LH Controller

HPE Smart Array E208i-p SR Gen10 Controller
HPE Smart Array E208e-p SR Gen10 Controller
<b>Performance RAID Controllers</b>
HPE Smart Array P408i-a SR Gen10 Controller
HPE Smart Array P408i-a SR G10 LH 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
HPE Smart Array P816i-a SR G10 LH Controller
NOTE: If GPGPU is needed then please order the LH controller (low profile heatsink) to allow GPU to fit in the chassis.

### Internal Storage Devices

One of the following depending on model

- Optical Drive

Available on 8 SFF and 4 LFF CTO Servers as an option (DVD-ROM or DVD-RW)

- Hard Drives

None ship standard

### Maximum Internal Storage

Storage	Capacity	Configuration
Hot Plug SFF SAS HDD	26.4 TB	8+2+1 x 2.4 TB (with optional UMB + rear drive option)
Hot Plug SFF SATA HDD	22 TB	8+2+1 x 2.0 TB (with optional UMB + rear drive option)
Hot Plug SFF SAS SSD	168.3 TB	8+2+1 x 15.3 TB (with optional UMB + rear drive option)
Hot Plug SFF SATA SSD	42.24 TB	8+2+1 x 3.84 TB (with optional UMB + rear drive option)
Hot Plug SFF NVMe PCIe SSD	76.8 TB	10 x 7.68 TB NVMe
Hot Plug LFF SAS HDD	56 TB	4 x 14 TB
Hot Plug LFF SATA HDD	56 TB	4 x 14 TB
Hot Plug LFF SAS SSD	7.68 TB	4 x 1.92 TB
Hot Plug LFF SATA SSD	7.68 TB	4 x 1.92 TB

### 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: Also available in 96%.
NOTE: Also available in -48VDC and 227VAC/380VDC power inputs 720480-B21 Universal PSU.
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
NOTE: Available in 94% efficiency.



## Pre-configured Models

1. Pre-configured models ship with the configurations below. Options can be selected from the Core or Additional options section of this datasheet.
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 you desire a custom configuration please see "Configuration Information - Factory Integrated Models" section of this datasheet.

<b>Powered by 2nd Generation Intel Xeon Processors</b>		
<b>Model</b>	<b>High Performance Models</b>	
SKU Number	P02722-B21	P02723-B21
Model Name	HPE ProLiant DL360 Gen10 5220 2.1GHz 16C 125W 2P 64G-2R P408i-a 8SFF 2x800W High Perf Svr	HPE ProLiant DL360 Gen10 6248 2.1GHz 16C 150W 2P 64G-2R P408i-a 8SFF 2x800W High Perf Svr
Chassis	8SFF	8SFF
Processor	5220 (18-Core, 2.2 GHz, 125W)	6248 (20-Core, 2.5 GHz, 150W)
Number of Processors	Two processors With standard heatsink	Two processors With High Performance heatsink
Memory	64 GB RDIMM 2R 2933 MT/s (2x 32 GB)	64 GB RDIMM 2R 2933 MT/s (2x 32 GB)
Network Controller	Embedded 4-port 1GbE + 10/25 GbE 2P 640FLR-SFP28	Embedded 4-port 1GbE + 10/25 GbE 2P 640FLR-SFP28
Storage Controller	P408i-a/2 GB	P408i-a/2 GB
Hard Drive	None included	None included
Optical Drive	Not included (Optical Drive options available)	Not included (Optical Drive options available)
PCIe Slots	3 PCIe: 1 x16 FH / 1 x8 LP + 1 x 16 FH	3 PCIe: 1 x16 FH / 1 x8 LP + 1 x 16 FH
Power Supply	2x 800W	2x 800W
Fans	7 – High Performance	7 - High Performance
Management	HPE iLO Advanced	HPE iLO Advanced
Rail Kit	SFF Easy Install w/o CMA	
Energy Star	Energy Star 2.1	
Form Factor	1U 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.		
Country Code Key	xx1 = B21	Worldwide
	xx1 = 291	Japan
	xx1 = AA1	PRC
NOTE: The -B21 WW SKU is to be ordered in all countries other than Japan or PRC.		

Powered by 1st Generation Intel Xeon Processors		
Models	Performance Model	High Performance Models
SKU Number	<a href="#">867963-B21</a>	867964-B21
Model Name	HPE ProLiant DL360 Gen10 5118 2.3GHz 12C 105W 2P 32G-2R P408i-a 8SFF 2x800W Performance Server	HPE ProLiant DL360 Gen10 6130 2.1GHz 16C 125W 2P 64G-2R P408i-a Premium 10NVMe 2x800W High Perf Svr
Chassis	8SFF	Premium 10 SFF NVMe
Processor	5118 (12-Core, 2.3 GHz, 105W)	6130 (16-Core, 2.1 GHz, 125W)
Number of Processors	Two processors With standard heatsink	Two processors With High Performance heatsink
Memory	32 GB RDIMM 2R 2666 MT/s (2x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	64 GB RDIMM 2R 2666 MT/s (2x 32 GB)
Network Controller	Embedded 4-port 1GbE + 10/25 GbE 2P 640FLR-SFP28	Embedded 4-port 1GbE + 10/25 GbE 2P 640FLR-SFP28
Storage Controller	P408i-a/2GB	P408i-a/2 GB
Hard Drive	None included	None included
Optical Drive	Optional (requires both Drive and UMB)	Optional (external USB 701498-B21 only)
PCIe Slots	3 PCIe: 1 x16 FH / 1 x8 LP + 1 x16 FH	2 PCIe: 1 x16 FH / 1 x8 LP
Power Supply	2x 800W	2x 800W
Fans	7 - Standard	7 – High Performance
Management	HPE iLO Advanced	HPE iLO Advanced
Rail Kit	SFF Easy Install w/o CMA	
Energy Star	Energy Star 2.1	
Form Factor	1U 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.		
Country Code Key	xx1 = B21	Worldwide
	xx1 = 291	Japan
	xx1 = AA1	PRC
NOTE: The -B21 WW SKU is to be ordered in all countries other than Japan or PRC.		

Powered by 1st Generation Intel Xeon Processors			
Model	Low Model	Entry Model	Base Model
SKU Number	<a href="#">P01880-B21</a>	<a href="#">867961-B21</a>	<a href="#">867962-B21</a>
Model Name	HPE ProLiant DL360	HPE ProLiant DL360	HPE ProLiant DL360

	Gen10 3104 1.7GHz 6-core 1P 8GB-R S100i 4LFF 500W PS Base Server	Gen10 3106 1.7GHz 8C 85W 1P 16G-2R S100i 8SFF 1x500W Entry Server	Gen10 4114 2.2GHz 10C 85W 1P 16G-2R P408i-a 8SFF 1x500W Base Server
<b>Chassis</b>	4LFF	8SFF	8SFF
<b>Processor</b>	3104 (6-Core, 1.7 GHz, 85W)	3106 (8-Core, 1.7 GHz, 85W)	4114 (10-Core, 2.2 GHz, 85W)
<b>Number of Processors</b>	One processor With standard heatsink	One processor With standard heatsink	One processor With standard heatsink
<b>Memory</b>	8 GB RDIMM 2R 2666 MT/s (1x 8 GB) NOTE: Runs at 2133 MT/s due to processor limitation.	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.
<b>Network Controller</b>	Embedded 4-port 1GbE	Embedded 4-port 1GbE	Embedded 4-port 1GbE
<b>Storage Controller</b>	Embedded 14-port S100i NOTE: SATA only.	Embedded 14-port S100i NOTE: SATA only.	P408i-a/2GB
<b>Hard Drive</b>	None included	None included	None included
<b>Optical Drive</b>	Optional	Optional (requires both Drive and UMB)	Optional (requires both Drive and UMB)
<b>PCIe Slots</b>	2 PCIe: 1 x16 FH / 1 x8 LP	2 PCIe: 1 x16 FH / 1 x8 LP	2 PCIe: 1 x16 FH / 1 x8 LP
<b>Power Supply</b>	1x 500W	1x 500W	1x 500W
<b>Fans</b>	5 - Standard	5 - Standard	5 - Standard
<b>Management</b>	HPE iLO 5	HPE iLO 5	HPE iLO 5
<b>Rail Kit</b>	LFF Easy Install w/o CMA	SFF Easy Install w/o CMA	SFF Easy Install w/o CMA
<b>Energy Star</b>	Energy Star 2.1		
<b>Form Factor</b>	1U Rack		
<b>Warranty</b>	3-year parts, 3-year labor, 3-year onsite support with next business day response.		
<b>NOTE:</b> UEFI is the standard default for all Pre-configured models.			

## SMB Models

1. New SMB focused offers regionally released as “Smart Buy Express” in the U.S. and Canada, “Top Value” in Europe, and “Intelligent Buy” in Asia Pacific and Japan”
2. SMB Models ship with the configurations below.
3. Hewlett Packard Enterprise does not provide factory integration of options into SMB Models. Any additional options purchased will be shipped separately and would need to be field integrated.
4. If you desire to custom configure an SMB Model please [Contact Us](#).

Powered by 2nd Generation Intel Xeon Processors			
	SMB Models		
SKU Number	P03629-xx1	P03630-xx1	P03632-xx1
Model Name	HPE ProLiant DL360 Gen10 3204 1.7GHz 6-core 1P 16GB-R S100i 8SFF 500W PS Entry Server	HPE ProLiant DL360 Gen10 4208 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W PS Performance Server	HPE ProLiant DL360 Gen10 4214 2.2GHz 12-core 1P 16GB-R P408i-a 8SFF 500W PS Performance Server
Chassis	8SFF	8SFF	8SFF
Processor	3204 (6 core, 1.7 GHz, 85W)	4208 (8 core, 2.1 GHz, 85W)	4214 (12 cores, 2.2GHz, 85W)
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 2133 MT/s due to processor limitation.	64 GB RDIMM 2R 2666 MT/s (2x 32 GB) NOTE: Runs at 2400 MT/s	16GB RDIMM 2R 2933 MT/s (1x16GB) 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	HPE 1Gb Ethernet 4-Port 331i Adapter
Storage Controller	Embedded 14-port S100i NOTE: SATA only.	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery
Hard Drive	None included	None included	None included
Optical Drive	Not included (Optical Drive options available)	Not included (Optical Drive options available)	Not included (Optical Drive options available)
PCIe Slots	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP
Power Supply	1x 500W	1x 500W	1x 500W
Fans	5 - Standard	5 - Standard	5 - Standard
Management	HPE iLO 5	HPE iLO 5	HPE iLO 5
Rail Kit	SFF Easy Install w/o CMA	SFF Easy Install w/o CMA	SFF Easy Install w/o CMA
Energy Star	Energy Star 2.1		

Form Factor	1U 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 SMB models.		
<hr/>		
Country	xx1 = B21	Worldwide
Code Key	xx1 = 291	Japan
	xx1 = AA1	PRC
NOTE: The -B21 WW SKU is to be ordered in all countries other than Japan or PRC.		

Powered by 2nd Generation Intel Xeon Processors			
	SMB Models		
SKU Number	P03635-xx1	P03633-xx1	P03634-xx1
Model Name	HPE ProLiant DL360 Gen10 4208 2.1GHz 8-core 1P 16GB-R S100i 4LFF 500W PS Entry Server	HPE ProLiant DL360 Gen10 5218 2.3GHz 16-core 1P 32GB-R P408i-a 8SFF 800W PS Performance Server	HPE ProLiant DL360 Gen10 6230 2.1GHz 20-core 1P 32GB-R P408i-a 8SFF 800W PS Performance Server
Chassis	4LFF	8SFF	8SFF
Processor	4208 (8 core, 2.1 GHz, 85W)	5218 (16 cores, 2.3 GHz, 125W)	6230 (20 cores, 2.1 GHz, 125W)
Number of Processors	One processor With standard heatsink	One processor With standard heatsink	One processor With standard heatsink
Memory	16 GB RDIMM 2R 2933 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	32GB RDIMM 2R 2933 MT/s (1x32GB) NOTE: Runs at 2666 MT/s due to processor limitation.	32GB RDIMM 2R 2933 MT/s (1x32GB)
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	Embedded 14-port S100i NOTE: SATA only.	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery
Hard Drive	None included	None included	None included
Optical Drive	Not included (Optical Drive options available)	Not included (Optical Drive options available)	Not included (Optical Drive options available)
PCIe Slots	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP
Power Supply	1x 500W	1x 800W	1x 800W
Fans	5 - Standard	5 - Standard	5 - Standard
Management	HPE iLO 5	HPE iLO 5	HPE iLO 5
Rail Kit	LFF Easy Install w/o CMA	SFF Easy Install w/o CMA	SFF Easy Install w/o CMA
Energy Star	Energy Star 2.1		
Form Factor	1U 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 SMB models.		
Country	xx1 = B21	Worldwide
Code Key	xx1 = 291	Japan
NOTE: The -B21 WW SKU is to be ordered in all countries other than Japan.		

<b>Powered by 2nd Generation Intel Xeon Processors</b>		
<b>SMB Solution Models</b>		
SKU Number	P03631-xx1	
Model Name	HPE ProLiant DL360 Gen10 4210 2.2GHz 10-core 1P 16GB-R P408i-a 8SFF 500W PS Solution Server	
Chassis	8SFF	
Processor	4210 (10 core, 2.2 GHz, 85W)	
Number of Processors	One processor With standard heatsink	
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	
Storage Controller	P408i-a/2GB with Smart Storage Battery	
Hard Drive	None included	
Optical Drive	Not included (Optical Drive options available)	
PCIe Slots	2 PCIe: 1 x16 FH, 1 x8 LP	
Power Supply	1x 500W	
Fans	5 - Standard	
Management	HPE iLO 5	
Rail Kit	SFF Easy Install w/o CMA	
Energy Star	Energy Star 2.1	
Form Factor	1U Rack	
Operating System	ClearOS/VM Installer (USB) 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.	
Warranty	3-year parts, 3-year labor, 3-year onsite support with next business day response.	
NOTE: UEFI is the standard default for all SMB models.		
Country Code Key	xx1 = B21	Worldwide
	xx1 = 291	Japan
	xx1 = AA1	PRC
NOTE: The -B21 WW SMB SKU is to be ordered in all countries other than Japan or PRC.		

Powered by 1st Generation Intel Xeon Processors			
SMB Models			
<b>SKU Number</b>	P06453-xx1	P06454-xx1	P06455-xx1
<b>Model Name</b>	HPE ProLiant DL360 Gen10 4110 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W PS Performance Server	HPE ProLiant DL360 Gen10 5118 2.3GHz 12-core 1P 32GB-R P408i-a 8SFF 800W RPS Performance Server	HPE ProLiant DL360 Gen10 6130 2.1GHz 16-core 1P 64GB-R P408i-a 8SFF 800W RPS Performance Server
<b>Chassis</b>	8SFF	8SFF	8SFF
<b>Processor</b>	4110 (8 core, 2.1 GHz, 85W)	5118 (12 core, 2.3 GHz, 105W)	6130 (16 core, 2.1 GHz, 125W)
<b>Number of Processors</b>	One processor With standard heatsink	One processor With standard heatsink	One processor With standard heatsink
<b>Memory</b>	16 GB RDIMM 2R 2666 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	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 2666 MT/s
<b>Network Controller</b>	HPE 1Gb Ethernet 4-Port 331i Adapter	HPE 1Gb Ethernet 4-Port 331i Adapter	HPE 1Gb Ethernet 4-Port 331i Adapter
<b>Storage Controller</b>	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery	P408i-a/2GB with Smart Storage Battery
<b>Hard Drive</b>	None included	None included	None included
<b>Optical Drive</b>	Optional (requires both Drive and UMB)	Optional (requires both Drive and UMB)	Optional (requires both Drive and UMB)
<b>PCIe Slots</b>	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP	2 PCIe: 1 x16 FH, 1 x8 LP
<b>Power Supply</b>	1x 500W	2x 800W	2x 800W
<b>Fans</b>	5 - Standard	5 - Standard	5 - Standard
<b>Management</b>	HPE iLO 5	HPE iLO 5	HPE iLO 5
<b>Rail Kit</b>	SFF Easy Install w/o CMA		
<b>Energy Star</b>	Energy Star 2.1		
<b>Form Factor</b>	1U Rack		
NOTE: UEFI is the standard default for all SMB models.			

Powered by 1st Generation Intel Xeon Processors	
SMB Solution Models	
<b>SKU Number</b>	P05520-xx1
<b>Model Name</b>	HPE ProLiant DL360 Gen10 4110 2.1GHz 8-core 1P 16GB-R P408i-a 8SFF 500W RPS Solution Server
<b>Chassis</b>	8SFF
<b>Processor</b>	4110 (8 core, 2.1 GHz, 85W)

<b>Number of Processors</b>	One processor With standard heatsink	
<b>Memory</b>	16 GB RDIMM 2R 2666 MT/s (1x 16 GB) NOTE: Runs at 2400 MT/s due to processor limitation.	
<b>Network Controller</b>	HPE 1Gb Ethernet 4-Port 331i Adapter	
<b>Storage Controller</b>	P408i-a/2GB with Smart Storage Battery	
<b>Hard Drive</b>	None included	
<b>Optical Drive</b>	Optional (requires both Drive and UMB)	
<b>PCIe Slots</b>	2 PCIe: 1 x16 FH, 1 x8 LP	
<b>Power Supply</b>	2x 500W	
<b>Fans</b>	5 - Standard	
<b>Management</b>	HPE iLO 5	
<b>Rail Kit</b>	SFF Easy Install w/o CMA	
<b>Energy Star</b>	Energy Star 2.1	
<b>Form Factor</b>	1U Rack	
<b>Operating System</b>	ClearOS/VM Installer (USB) 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.	
NOTE: UEFI is the standard default for all SMB models.		
<b>Country Code Key</b>	xx1 = B21	Worldwide
	xx1 = 291	Japan
NOTE: The -B21 WW SMB SKU is to be ordered in all countries other than Japan or PRC.		

## China Specific

<b>China Specific Models</b>		
<b>Powered by 2nd Generation Intel Xeon Processors</b>		
<b>SKU Number</b>	P02721-AA1	
<b>Model Name</b>	HPE ProLiant DL360 Gen10 3204 1.7GHz 6-core 1P 16GB-R S100i 4LFF 500W PS Server	
<b>Chassis</b>	4LFF	
<b>Processor</b>	3204 (6 core, 1.7 GHz, 85W)	
<b>Number of Processors</b>	One processor With standard heatsink	
<b>Memory</b>	16 GB RDIMM 2R 2933 MT/s (1x 16 GB) NOTE: Runs at 2133 MT/s due to processor limitation.	



Network Controller	HPE 1Gb Ethernet 4-Port 331i Adapter
Storage Controller	Embedded 14-port S100i NOTE: SATA only.
Hard Drive	None included
Optical Drive	Not included (Optical Drive options available)
PCIe Slots	2 PCIe: 1 x16 FH, 1 x8 LP
Power Supply	1x 500W
Fans	5 - Standard
Management	HPE iLO 5
Rail Kit	LFF Easy Install w/o CMA
Energy Star	Energy Star 2.1
Form Factor	1U 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 SMB models.	

## 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.

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

<b>CTO Server</b>	4 LFF	8 SFF	Premium 10 NVMe
<b>SKU Number</b>	<a href="#">867958-B21</a>	<a href="#">867959-B21</a>	<a href="#">867960-B21</a>
<b>TAA SKU*</b>	875965-B21	875966-B21	875967-B21
<b>Processor</b>	Not included as standard		
<b>DIMM Slots</b>	24-DIMM slots (12 can be used for NVDIMMs)		
<b>Storage Controller</b>	Embedded SW RAID (S100i) with 14 SATA ports Optional: Choice of HPE modular Smart Array and PCIe plug-in controller		
<b>PCIe</b>	2 PCIe slots (1 x16 FH / 1 x8 LP) Optional: 1 x16 FH or LP	2 PCIe slots (1 x16 FH / 1 x8 LP) Optional: 1 x16 FH or LP	2 PCIe slots (1 x16 FH / 1 x8 LP)
<b>Drive Cage - included</b>	4 LFF - SAS/SATA	8 SFF - SAS/SATA Optional: up to 2 NVMe or 2 Dual uFF (4x M.2)	10 NVMe - SAS/SATA/NVME Optional: 1 Dual uFF (2x

		cartridges)	M.2 cartridges)
<b>Network Controller</b>	HPE 1Gb Ethernet 4-Port 331i Adapter plus optional HPE FlexibleLOM or stand up card		
<b>Fans</b>	1 CPU – 5 Standard Fans 2 CPU – 7 Standard Fans Optional: High Performance Fans	1 CPU – 5 Standard Fans 2 CPU – 7 Standard Fans Optional: High Performance Fans	2 CPU – 7 High Performance Fans
<b>Management</b>	HPE iLO with Intelligent Provisioning (standard) Optional: iLO Advance and OneView		
<b>USB</b>	Front: 1 USB 3.0 + iLO service port Rear: 2 USB 3.0 Internal: 2 USB 3.0 Optional: 1 USB 2.0 (lose iLO serv. Port)	Front: 1 USB 3.0 + iLO service port Rear: 2 USB 3.0 Internal: 2 USB 3.0	

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.

NOTE: \*TAA chassis are only orderable in North America and Canada.

### Step 2a: Choose Processor Options

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 P02679-L21 then for second processor, select P02679-B21.

NOTE: Mixing of 2 different processor models is not supported.

NOTE: For first processor, -L21 will include 5 fans, For second processor, -B21 will add 2 additional fans (for 4 LFF and 8 SFF CTO Server). 10 NVMe CTO Server will always get 7 High Performane fans regardless of 1 or 2 processors.

NOTE: Processors with 130W or higher will ship with the High Performance heat sink plus SKUs 8256, 5222, 8156, 6128, 5122 as noted below. All other processors will ship with the Standard heat sink.

NOTE: When 2nd Generation Intel Xeon Scalable Processor is slected, then only DDR4-2933 Memory Kit can be selected; When 1st Generation Intel Xeon Scalable Processor is selected, then only DDR4-2666 Memory Kit can be selected

Processor Option Kits	Required Processor
<b>2nd Generation Intel Xeon- Platinum</b>	
HPE DL360 Gen10 Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205W) FIO Processor Kit	<a href="#">P02679-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205W) FIO Processor Kit	<a href="#">P02718-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8280M (2.7 GHz/28-core/205W) FIO	<a href="#">P02703-L21</a>

Processor Kit	
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8276 (2.2 GHz/28-core/165W) FIO Processor Kit	<a href="#">P02676-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8276L (2.2 GHz/28-core/165W) FIO Processor Kit	<a href="#">P02715-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8276M (2.2 GHz/28-core/165W) FIO Processor Kit	<a href="#">P02700-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205W) FIO Processor Kit	<a href="#">P02673-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205W) FIO Processor Kit	<a href="#">P02670-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8260 (2.4 GHz/24-core/165W) FIO Processor Kit	<a href="#">P02661-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8260L (2.4 GHz/24-core/165W) FIO Processor Kit	<a href="#">P02712-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8260M (2.4 GHz/24-core/165W) FIO Processor Kit	<a href="#">P02694-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8260Y (2.4 GHz/24/20/16-core/165W) FIO Processor Kit	<a href="#">P02682-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8256 (3.8 GHz/4-core/105W) FIO Processor Kit	<a href="#">P02655-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125W) FIO Processor Kit	<a href="#">P02652-L21</a>

Processor Option Kits	Required Processor
<b>1st Generation Intel Xeon-Platinum</b>	
HPE DL360 Gen10 Intel Xeon-Platinum 8180M (2.5GHz/28-core/205W) FIO Processor Kit	<a href="#">876099-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8180 (2.5GHz/28-core/205W) FIO	<a href="#">867988-L21</a>

Processor Kit	
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8176 (2.1GHz/28-core/165W) FIO Processor Kit	<a href="#">870982-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8170 (2.1GHz/26-core/165W) FIO Processor Kit	<a href="#">870980-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8168 (2.7GHz/24-core/205W) FIO Processor Kit	<a href="#">870978-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8165 (2.3GHz/24-core/205W) FIO Processor Kit	879121-L21
NOTE: Ships with Performance Heatsink. NOTE: To enable this feature an iLO Advanced, or iLO Advanced Premium Security edition License are required.	
HPE DL360 Gen10 Intel Xeon-Platinum 8164 (2.0GHz/26-core/150W) FIO Processor Kit	<a href="#">870976-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8160M (2.1GHz/24-core/150W) FIO Processor Kit	<a href="#">876093-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8160 (2.1GHz/24-core/150W) FIO Processor Kit	<a href="#">870974-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8158 (3.0GHz/12-core/150W) FIO Processor Kit	<a href="#">874455-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8156 (3.6GHz/4-core/105W) FIO Processor Kit	<a href="#">874452-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Platinum 8153 (2.0GHz/16-core/125W) FIO Processor Kit	<a href="#">870972-L21</a>
<b>2nd Generation Intel Xeon-Gold</b>	
HPE DL360 Gen10 Intel Xeon-Gold 6254 (3.1 GHz/18-core/200W) FIO Processor Kit	<a href="#">P02649-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6252 (2.1 GHz/24-core/150W) FIO Processor Kit	<a href="#">P02646-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6248 (2.5 GHz/20-core/150W) FIO Processor Kit	<a href="#">P02640-L21</a>
NOTE: Ships with High Performance Heatsink.	

HPE DL360 Gen10 Intel Xeon-Gold 6244 (3.6 GHz/8-core/150W) FIO Processor Kit	<a href="#">P02634-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6242 (2.8 GHz/16-core/150W) FIO Processor Kit	<a href="#">P02628-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6240 (2.6 GHz/18-core/150W) FIO Processor Kit	<a href="#">P02625-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6240Y (2.6 GHz/18/14/8-core/150W) FIO Processor Kit	<a href="#">P02613-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6230 (2.1 GHz/20-core/125W) FIO Processor Kit	<a href="#">P02607-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 6212U (2.4 GHz/24-core/165W) FIO Processor Kit	<a href="#">P02667-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6210U (2.5 GHz/20-core/150W) FIO Processor Kit	<a href="#">P02631-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 5222 (3.8 GHz/4-core/105W) FIO Processor Kit	<a href="#">P02709-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 5220 (2.2 GHz/18-core/125W) FIO Processor Kit	<a href="#">P02595-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5218 (2.3 GHz/16-core/125W) FIO Processor Kit	<a href="#">P02592-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5218N (2.3 GHz/16-core/105W) FIO Processor Kit	<a href="#">P11845-L21</a>
NOTE: 5218N processor available at launch, Intel® Speed Select Technology-Base Frequency enablement via System ROM upgrade targeting June 2019	
HPE DL360 Gen10 Intel Xeon-Gold 5218B (2.3 GHz/16-core/125W) FIO Processor Kit	<a href="#">P12516-L21</a>
NOTE: Consistent features with the 5218 processor but from a different die. Mixing both 5218B & 5218 in a system is not supported	
HPE DL360 Gen10 Intel Xeon-Gold 5217 (3.0 GHz/8-core/115W) FIO Processor Kit	<a href="#">P02589-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5215 (2.5 GHz/10-core/85W) FIO Processor Kit	<a href="#">P02586-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5215L (2.5 GHz/10-core/85W) FIO Processor Kit	<a href="#">P02706-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5215M (2.5 GHz/10-core/85W) FIO Processor Kit	<a href="#">P02568-L21</a>
<b>1st Generation Intel Xeon-Gold</b>	
HPE DL360 Gen10 Intel Xeon-Gold 6154 (3.0GHz/18-core/200W) FIO Processor Kit	<a href="#">870970-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6152 (2.1GHz/22-core/140W) FIO Processor Kit	<a href="#">860677-L21</a>

NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6150 (2.7GHz/18-core/165W) FIO Processor Kit	<a href="#">860675-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6148 (2.4GHz/20-core/150W) FIO Processor Kit	<a href="#">860673-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6146 (3.2GHz/12-core/165W) FIO Processor Kit	860671-L21
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6144 (3.5GHz/8-core/150W) FIO Processor Kit	870966-L21
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6143 (2.8GHz/16-core/205W) FIO Processor Kit	<a href="#">879118-L21</a>
NOTE: Ships with Performance Heatsink.	
NOTE: To enable this feature an iLO Advanced, or iLO Advanced Premium Security edition License are required.	
HPE DL360 Gen10 Intel Xeon-Gold 6142 (2.6GHz/16-core/150W) FIO Processor Kit	<a href="#">860669-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6140 (2.3GHz/18-core/140W) FIO Processor Kit	<a href="#">860667-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6138 (2.0GHz/20-core/125W) FIO Processor Kit	<a href="#">870968-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 6136 (3.0GHz/12-core/150W) FIO Processor Kit	<a href="#">860691-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6134M (3.2GHz/8-core/130W) FIO Processor Kit	<a href="#">876087-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6134 (3.2GHz/8-core/130W) FIO Processor Kit	<a href="#">860689-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6132 (2.6GHz/14-core/140W) FIO Processor Kit	<a href="#">860681-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6130 (2.1GHz/16-core/125W) FIO Processor Kit	<a href="#">860687-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 6128 (3.4GHz/6-core/115W) FIO Processor Kit	<a href="#">860685-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 6126 (2.6GHz/12-core/125W) FIO Processor Kit	<a href="#">860683-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5122 (3.6GHz/4-core/105W) FIO Processor Kit	<a href="#">860679-L21</a>
NOTE: Ships with High Performance Heatsink.	
HPE DL360 Gen10 Intel Xeon-Gold 5120 (2.2GHz/14-core/105W) FIO Processor Kit	<a href="#">860665-L21</a>
HPE DL360 Gen10 Intel Xeon-Gold 5118 (2.3GHz/12-core/105W) FIO Processor Kit	<a href="#">860663-L21</a>
HPE DL360 Gen10 Xeon-G 5117 FIO Kit	P00793-L21
HPE DL360 Gen10 Intel Xeon-Gold 5115 (2.4GHz/10-core/85W) FIO Processor Kit	<a href="#">860661-L21</a>
<b>2nd Generation Intel Xeon- Silver</b>	
HPE DL360 Gen10 Intel Xeon-Silver 4216 (2.1 GHz/16-core/100W) FIO Processor Kit	<a href="#">P02583-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4215 (2.5 GHz/8-core/85W) FIO Processor Kit	<a href="#">P02598-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4214Y (2.2 GHz/12/10/8-core/85W) FIO Processor Kit	<a href="#">P02610-L21</a>

HPE DL360 Gen10 Intel Xeon-Silver 4214 (2.2 GHz/12-core/85W) FIO Processor Kit	<a href="#">P02580-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4210 (2.2 GHz/10-core/85W) FIO Processor Kit	<a href="#">P02574-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4208 (2.1 GHz/8-core/85W) FIO Processor Kit	<a href="#">P02571-L21</a>
<b>1st Generation Intel Xeon-Silver</b>	
HPE DL360 Gen10 Intel Xeon-Silver 4116 (2.1GHz/12-core/85W) FIO Processor Kit	<a href="#">874449-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4114 (2.2GHz/10-core/85W) FIO Processor Kit	<a href="#">860657-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4112 (2.6GHz/4-core/85W) FIO Processor Kit	<a href="#">860659-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4110 (2.1GHz/8-core/85W) FIO Processor Kit	<a href="#">860653-L21</a>
HPE DL360 Gen10 Intel Xeon-Silver 4108 (1.8GHz/8-core/85W) FIO Processor Kit	<a href="#">860655-L21</a>
<b>2nd Generation Intel Xeon- Bronze</b>	
HPE DL360 Gen10 Intel Xeon-Bronze 3204 (1.9GHz/6-core/85W) FIO Processor Kit	<a href="#">P02565-L21</a>
<b>Intel Xeon-Bronze</b>	
HPE DL360 Gen10 Intel Xeon-Bronze 3106 (1.7GHz/8-core/85W) FIO Processor Kit	<a href="#">860651-L21</a>
HPE DL360 Gen10 Intel Xeon-Bronze 3104 (1.7GHz/6-core/85W) FIO Processor Kit	<a href="#">860649-L21</a>

### Step 2b: Choose Memory Options

Please select one or more memory from below.

**NOTE:** Maximum memory capacity and speed per processor is dependent on processor model selection or limitation.

**NOTE:** DDR4-2933 Memory Kits are only supported with 2nd Generation Intel Xeon Scalable Series Processors and DDR4-2666 Memory Kits are only supported with 1st Generation Intel Xeon Scalable Series Processors.

#### Registered DIMMs (RDIMMs) for 2nd Generation Intel Xeon Scalable Series

HPE 64GB (1x64GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00930-B21</a>
HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00924-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) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00920-B21</a>
HPE 8GB (1x8GB) Single Rank x8 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit	<a href="#">P00918-B21</a>

#### Registered DIMMs (RDIMMs) for 1st Generation Intel Xeon Scalable Series

HPE 32GB (1x32GB) Dual Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">815100-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 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit	<a href="#">835955-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>

<b>Load Reduced DIMMs (LRDIMMs) for 2nd Generation Intel Xeon Scalable Series</b>	
HPE 128GB (1x128GB) Octal Rank x4 DDR4-2933 CAS-24-21-21 Load Reduced 3DS Smart Memory Kit	<a href="#">P00928-B21</a>
HPE 64GB (1x16GB) Quad Rank X4 DDR4-2933 CAS-21-21-21 Load Reduced Smart Memory Kit	<a href="#">P00926-B21</a>
<b>Load Reduced DIMMs (LRDIMMs) for 1st Generation Intel Xeon Scalable Series</b>	
HPE 128GB (1x128GB) Octal Rank x4 DDR4-2666 CAS-22-19-19 3DS Load Reduced Memory Kit	<a href="#">815102-B21</a>
HPE 64GB (1x64GB) Quad Rank x4 DDR4-2666 CAS-19-19-19 Load Reduced Smart Memory Kit	<a href="#">815101-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.	

### Step 2c: Choose Power Supplies

Please select one or two power supplies from below.	
NOTE: Mixing of 2 different power supplies are NOT allowed.	
<b>HPE Flex Slot Power Supplies</b>	
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>
NOTE: 1600W Power supplies only support high line voltage (200 VAC to 240 VAC).	

### Step 3: Choose Additional (FIO) Factory Integratable Options

<b>Each of the following may be selected if desired at time of factory integration</b>	
HPE Trusted Platform Module 2.0 Gen10 Option	<a href="#">864279-B21</a>
NOTE: 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.	
NOTE: 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	<a href="#">872108-B21</a>
NOTE: TPM 2.0 is set as default, for 1.2 TPM setting instead, please select this option.	
HPE Legacy FIO Mode Setting	<a href="#">758959-B22</a>
NOTE: UEFI is the default, this FIO part can be used for CTO to enable Legacy mode.	

### Step 4: Choose Additional Options for Factory Integration.

- HPE OneView for ProLiant DL Server including 3yr 24x7 Support FIO Bundle Physical 1-server LTU ([E5Y43A](#))
- HPE OneView w/o iLO including 3yr 24x7 Support 1-server FIO LTU(P8B31A)



## Additional Options

<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
<b>NOTE: With NVMe support only 1xDouble Wide Graphics card is supported.</b>	
<b>NOTE: The NVMe CTO Server (810393-B21) or the NVMe Express Bay Enablement kit (774741-B21) are required to support these drives.</b>	
<b>NOTE: With NVMe support only 1xDouble Wide Graphics card is supported.</b>	

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

### HPE Networking

<b>100 Gigabit Ethernet adapters</b>	
HPE Ethernet 100Gb 1-port 842QSFP28 Adapter	874253-B21
<b>25 Gigabit Ethernet adapters</b>	
HPE Ethernet 10/25Gb 2-port 640SFP28 Adapter	<a href="#">817753-B21</a>



HPE Ethernet 10/25Gb 2-port 631SFP28 Adapter	<a href="#">817718-B21</a>
HPE Ethernet 10/25Gb 2-port 621SFP28 Adapter	<a href="#">867328-B21</a>
<b>10 Gigabit Ethernet adapters</b>	
HPE Ethernet 10Gb 2-port 562T Adapter	<a href="#">817738-B21</a>
HPE Ethernet 10Gb 2-port 562SFP+ Adapter	<a href="#">727055-B21</a>
HPE Ethernet 10Gb 2-port 535T Adapter	<a href="#">813661-B21</a>
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 521T Adapter	<a href="#">867707-B21</a>
<b>1 Gigabit Ethernet adapters</b>	
HPE Ethernet 1Gb 4-port 366T Adapter	<a href="#">811546-B21</a>
HPE Ethernet 1Gb 4-port 331T Adapter	<a href="#">647594-B21</a>
HPE Ethernet 1Gb 2-port 361T Adapter	<a href="#">652497-B21</a>
HPE Ethernet 1Gb 2-port 332T Adapter	<a href="#">615732-B21</a>
<b>FlexibleLOM Adapters</b>	
HPE Ethernet 10/25Gb 2-port 640FLR-SFP28 Adapter	<a href="#">817749-B21</a>
HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 Adapter	<a href="#">817709-B21</a>
HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 Converged Network Adapter	<a href="#">867334-B21</a>
HPE Ethernet 10Gb 2-port 562FLR-SFP+ Adapter	<a href="#">727054-B21</a>
HPE Ethernet 10Gb 2-port 562FLR-T Adapter	<a href="#">817745-B21</a>
HPE FlexFabric 10Gb 4-port 536FLR-T Adapter	<a href="#">764302-B21</a>
HPE Ethernet 10Gb 2-port 535FLR-T Adapter	<a href="#">817721-B21</a>
HPE FlexFabric 10Gb 2-port 534FLR-SFP+ Adapter	<a href="#">700751-B21</a>
HPE FlexFabric 10Gb 2-port 533FLR-T Adapter	<a href="#">700759-B21</a>
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 InfiniBand

HPE InfiniBand EDR/Ethernet 100Gb 2-port 841QSFP28 Adapter	<a href="#">872726-B21</a>
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 InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter	<a href="#">879482-B21</a>
HPE InfiniBand EDR 100Gb 1-port 841QSFP28 Adapter	<a href="#">872725-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 100Gb 1-port OP101 QSFP28 x16 PCIe Gen3 with Intel Omni-Path Architecture Adapter	<a href="#">829335-B21</a>

## HPE Flex Slot Platinum Hot-plug Power supplies

Description	Model
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">830272-B21</a>
HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">865414-B21</a>
HPE 800W Flex Slot Titanium Hot Plug Low Halogen Power Supply Kit	<a href="#">865438-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 500W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	<a href="#">865408-B21</a>

**NOTE:** 1600W Power supplies only support high line voltage (200 VAC to 240 VAC).

**For more options, please contact us: [sales@router-switch.com](mailto:sales@router-switch.com).**

## Technical Specifications

System Unit		
Dimensions (Height x Width x Depth)	4.29 x 43.46 x 70.7 cm 1.69 x 17.11 x 27.83 in	SFF Drives
	4.29 x 43.46 x 74.98 cm 1.69 x 17.11 x 29.5 in	LFF Drives
Weight (approximate)	13.04 kg 28.74 lb	SFF minimum: One drive, one processor, one power supply, two heatsinks, one Smart Array controller, and five fans.
	16.27 kg 35.86 lb	SFF maximum: 10 drives, two processors, two power supplies, two heatsinks, one Smart Array controller and seven fans.
	13.77 kg 30.36 lb	LFF minimum: one drive, one processor, one power supply, two heatsinks, one Smart Array controller and five fans.
	16.78 kg 37 lb	LFF maximum: Four drives, two processors, two power supplies, two heatsinks, one Smart Array controller and seven fans.
Input Requirements (per power supply)	Rated Line Voltage	100 to 120 VAC 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 VDC) for China Only
		For 500W Power Supply: 1979 BTU/hr (at 100 VAC), 1911 BTU/hr (at 200 VAC), 1965 BTU/hr (at 240 VDC) for China Only

Power Supply Output (per power supply)	Rated Steady-State Power	For 1600W Power Supply: 1600W (at 240 VAC), 1600W (at 240 VDC) for China only
		For 800W Power Supply: 800W (at 100 VAC), 800W (at 240 VAC), 800W (at 240 VDC) input for China only
	Maximum Peak Power	For 1600W Power Supply: 1600W (at 200 to 240 1VAC), 1600W (at 240 VDC) input for China only
System Inlet Temperature	Standard Operating Support	<p>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.</p> <p>System performance during standard operating support may be reduced if operating with a fan fault or above 30°C (86°F).</p> <p>For approved hardware configurations, the supported system inlet range is extended to be: 5° to 10°C (41° to 50°F) and 35° to 40°C (95° to 104°F) at sea level with an altitude derating of 1.0°C per every 175 m (1.8°F per every 574 ft) above 900 m (2953 ft) to a maximum of 3050 m (10,000 ft).</p>
	Extended Ambient Operating Support	<p>For approved hardware configurations, the 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).</p> <p>System performance may be reduced if operating in the extended ambient operating range or with a fan fault.</p>
Relative Humidity (non-condensing)	Operating	8% to 90% - Relative humidity (Rh), 28°C maximum wet bulb temperature, 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.			
	Configuration SKU	Entry	Base	Performance
	Idle			
	LWAd	5.1 B	5.1 B	5.2 B
	LpAm	35 dBA	35 dBA	36 dBA
	Operating			
	LWAd	5.3 B	5.2 B	5.9 B
	LpAm	36 dBA	38 dBA	45 dBA
	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.			

## Where to Buy

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