



Hewlett Packard
Enterprise

HPE ProLiant DL360 Gen10 Server - Product Information Reference

Part Number:

Published:

Edition:

HPE ProLiant DL360 Gen10 Server - Product Information Reference

Abstract

Part Number:
Published:
Edition:

© Copyright -

Notices

The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Confidential computer software. Valid license from Hewlett Packard Enterprise required for possession, use, or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Links to third-party websites take you outside the Hewlett Packard Enterprise website. Hewlett Packard Enterprise has no control over and is not responsible for information outside the Hewlett Packard Enterprise website.

Acknowledgments

Intel®, Itanium®, Optane™, Pentium®, Xeon®, Intel Inside®, and the Intel Inside logo are trademarks of Intel Corporation in the U.S. and other countries.

AMD and the AMD EPYC™ and combinations thereof are trademarks of Advanced Micro Devices, Inc.

Microsoft® and Windows® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe® and Acrobat® are trademarks of Adobe Systems Incorporated.

Java® and Oracle® are registered trademarks of Oracle and/or its affiliates.

UNIX® is a registered trademark of The Open Group.

All third-party marks are property of their respective owners.

Revision history

Part number	Publication date	Edition	Summary of changes

Table of contents

- Overview
 - Summary
 - Product description
 - What's new
 - Standard Models
 - New RoHS compliant part numbers
 - Pre-Configured models
 - Factory integrated models
 - Country code key
 - Product features
- Specifications
 - Physical specifications
 - Environmental specifications
 - Electrical specifications
 - Safety certifications
- Compatibility/Supportability
 - Option Parts
 - New model specific parts lists
 - Processors
 - Memory
 - Power supplies
 - Drives
 - Internal - 6G SATA-Dual M.2 enabling kits
 - Hard drive blank kits
 - Networking
 - HPE Computation and graphics accelerators
 - Embedded management
 - Converged infrastructure management software
 - PCIe Workload accelerator options
 - HPE Security
 - HPE Boot controllers
 - Storage controllers
 - HPE Storage
 - HPE Rack
 - USB and SD options
 - HPE Support services
 - Unique options
 - Cables
 - HPE Smart IO

- Software Compatibility
 - OS Compatibility

Summary

Subtopics

[Product description](#)

[What's new](#)

Product description



The HPE ProLiant DL360 Gen10 server delivers security, agility and flexibility without compromise. 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 3.0TB max. With the added performance that HPE Persistent Memory 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.

What's new

- HPE Trusted Supply Chain/HPE ProLiant DL360T Gen10 (P36394-B21)
- HPE SAS 12G Read Intensive SAS SSDs (960GB/1.92TB/3.84TB/7.68TB/15.3TB)
- HPE SAS 12G Mixed Use SAS SSDs (800GB/1.6TB/3.2TB/6.4TB)
- HPE SAS 12G Write Intensive SAS SSDs (400GB/800GB/1.6TB)
- HPE 18TB SAS 7.2K LFF HDD
- HPE 18TB SATA 7.2K LFF HDD
- Four additional Pre-Configured models (P40637-xx1, P40638-xx1, P36183-xx1 and P40636-xx1)
- Support for 32GB Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory

Standard Models

Subtopics

[New RoHS compliant part numbers](#)

[Pre-Configured models](#)

[Factory integrated models](#)

New RoHS compliant part numbers

To find the latest RoHS compliance information, please use the HPE PartSurfer ([Click here to visit HPE PartSurfer website](#)) and click on one of the linked model numbers. When locating RoHS information in PartSurfer, user can use the Option part number for the components, the sales order number for a system that the component is used in, or the Spare part number for a specific part. User can find the sales order numbers and Option part numbers in the Product QuickSpecs.

Pre-Configured models

Table 1. Powered by 2nd generation Intel Xeon processors

Description	Model Number
Network Choice (NC) models	
HPE ProLiant DL360 Gen10 4210R 2.4 GHz 10-core 1P 32GB-R P408i-a NC 8SFF800 W PS Server	P40637-B21
	P40637-291
HPE ProLiant DL360 Gen10 4210R 2.4 GHz 10-core 1P 16GB-R P408i-a NC 8-Small Form Factor (SFF) 500 W Power Supply (PS) server	P23578-B21
	Click here to obtain the parts list of this model .
	P23578-291
	Click here to obtain the parts list of this model .
	P23578-AA1
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4214R 2.4 GHz 12-core 1P 32GB-R P408i-a NC 8-SFF 500 W PS server	P23579-B21
	Click here to obtain the parts list of this model .
	P23579-291
	Click here to obtain the parts list of this model .
	P23579-AA1
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4215R 3.2 GHz 8-core 1P 32GB-R P408i-a NC 8SFF800 W PS Server	P40638-B21
	P40638-291
HPE ProLiant DL360 Gen10 4215R 3.2 GHz 8-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40409-B21 ¹
	P23577-B21
	Click here to obtain the parts list of this model .
	P40409-291 ¹
	P23577-291
	Click here to obtain the parts list of this model .

Description	Model Number
HPE ProLiant DL360 Gen10 5218R 2.1 GHz 20-core 1P 32GB-R P408i-a NC 8SFF800 W PS Server	P36183-B21
	P36183-291
HPE ProLiant DL360 Gen10 5218R 2.1 GHz 20-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40408-B21 ¹
	P24740-B21
	Click here to obtain the parts list of this model .
	P40408-291 ¹
HPE ProLiant DL360 Gen10 5220R 2.2 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P24740-291
	Click here to obtain the parts list of this model .
	P40407-B21 ¹
	P24741-B21
HPE ProLiant DL360 Gen10 5220R 2.2 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	Click here to obtain the parts list of this model .
	P40407-291 ¹
	P24741-291
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 6226R 2.9 GHz 16-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40406-B21 ¹
	P24742-B21
	Click here to obtain the parts list of this model .
	P40406-291 ¹
HPE ProLiant DL360 Gen10 6248R 3.0 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P24742-291
	Click here to obtain the parts list of this model .
	P40405_B21 ¹
	P24743-B21
HPE ProLiant DL360 Gen10 6248R 3.0 GHz 24-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	Click here to obtain the parts list of this model .
	P40405_291 ¹
	P24743-291
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 5220 2.2 GHz 18-core 2P 64GB-R P408i-a NC 8-SFF 800 W Redundant Power Supply (RPS) server	P40401-B21 ¹
	P19771-B21
	Click here to obtain the parts list of this model .
	P40401-291 ¹
HPE ProLiant DL360 Gen10 5220 2.2 GHz 18-core 2P 64GB-R P408i-a NC 8-SFF 800 W Redundant Power Supply (RPS) server	P19771-291
	Click here to obtain the parts list of this model .
	P40401-AA1 ¹
	P19771-AA1 ¹

Description	Model Number
HPE ProLiant DL360 Gen10 6248 2.5 GHz 20-core 2P 64GB-R P408i-a NC 8-SFF 800 W RPS server	P40400-B21 ¹
	P19772-B21
	Click here to obtain the parts list of this model .
	P40400-291 ¹
HPE ProLiant DL360 Gen10 3204 1.9 GHz 6-core 1P 16GB-R S100i NC 4-LFF 500 W PS server	P19772-291
	Click here to obtain the parts list of this model .
	P40400-AA1 ¹
	P19772-AA1
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1P 32GB-R P408i-a NC 8SFF 800 W PS Server	Click here to obtain the parts list of this model .
	P40636-B21
	P40636-291
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P19774-B21
	Click here to obtain the parts list of this model .
	P19774-291
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4208 2.1 GHz 8-core 1P 16GB-R S100i NC 4-LFF 500 W PS server	P19774-AA1 ¹
	P19776-B21
	Click here to obtain the parts list of this model .
	P19776-291
HPE ProLiant DL360 Gen10 4210 2.2 GHz 10-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	Click here to obtain the parts list of this model .
	P19779-B21
	P19779-291
	Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4214 2.2 GHz 12-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P19779-AA1 ¹
	P19775-B21
	Click here to obtain the parts list of this model .
	P19775-291
	Click here to obtain the parts list of this model

Description	Model Number
	P19775-AA1 ¹
HPE ProLiant DL360 Gen10 5217 3.0 GHz 8-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19176-B21 Click here to obtain the parts list of this model .
	P19176-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 5218 2.3 GHz 16-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19777-B21 Click here to obtain the parts list of this model .
	P19777-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 5220 2.2 GHz 18-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19177-B21 Click here to obtain the parts list of this model .
	P19177-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 5222 3.8 GHz 4-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P40404-B21 ¹ P19178-B21 Click here to obtain the parts list of this model .
	P40404-291 ¹ P19178-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 6230 2.1 GHz 20-core 1P 32GB-R P408i-a NC 8-SFF 800 W PS server	P19778-B21 Click here to obtain the parts list of this model .
	P19778-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 6234 3.3 GHz 8-core 1P 32GB-R P408i-a NC 8-SFF	P40403-B21 ¹ P19179-B21 Click here to obtain the parts list of this model .
	P40403-291 ¹ P19179-291 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 6242 2.8 GHz 16-core 1P 32GB-R P408i-a NC 8-SFF	P40402-B21 ¹ P19180-B21 Click here to obtain the parts list of this model .
	P40402-291 ¹ P19180-291 Click here to obtain the parts list of this model .

Description	Model Number
HPE ProLiant DL360 Gen10 6250 3.9 GHz 8-core 1P 32GB-R S100i NC 8-SFF 800 W PS server	P40399-B21 ¹ P24744-B21 Click here to obtain the parts list of this model .
	P40399-291 ¹ P24744-291 Click here to obtain the parts list of this model .
China specific NC models	
HPE ProLiant DL360 Gen10 3206R 1.9 GHz 8-core 1P 16GB-R P408i-a NC 8-SFF 500 W PS server	P23575-AA1 Click here to obtain the parts list of this model .
HPE ProLiant DL360 Gen10 4215R 3.2 GHz 8-core 1P 32GB-R S100i NC 8SFF 800 W PS server	P23577-AA1 Click here to obtain the parts list of this model .
 NOTE: The B21 WW SKU is to be ordered in all countries other than Japan or China. 1. Direct link to the parts list will be added as soon as it becomes available.	

Factory integrated models

Description	Model Number
NC Models	
HPE DL360 Gen10 4-LFF NC Configure-to-Order (CTO) server	P19765-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 4-LFF NC CTO Trade Agreement Act (TAA) compliant server	P19768-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 8-SFF NC CTO server	P19766-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 8-SFF NC CTO TAA-compliant server	P19769-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 Premium 10NVMe NC CTO server	P19767-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 Premium 10NVMe NC CTO TAA-compliant server	P19770-B21 Click here to obtain the parts list of this model .
CTO Models with embedded LOM	
HPE DL360 Gen10 4-LFF CTO server	867958-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 4-LFF CTO TAA-compliant server	875965-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 8-SFF CTO server	867959-B21 Click here to obtain the parts list of this model .
HPE DL360 Gen10 8-SFF CTO TAA-compliant server	875966-B21 Click here to obtain the parts list of this model .



NOTE:

- Factory integrated models must start with a CTO server.
- FIO Indicates that this option is only available as a factory installable option.
- All factory integrated models will be populated with sufficient hard drive blanks based on number of drives ordered with server.
- Some options may not be integrated at the factory. Contact local sales representative for additional information.

Country code key

Country	Key
Worldwide	B21
Japan	291
China	AA1

Product features

Feature	Description							
Processors ¹	Table 1. 2nd Generation Intel Xeon scalable processor family							
	Intel Xeon Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Platinum processors ^{2, 3, 4, 5, 6, 7}							
	Platinum 8280 processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8280L processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8280M processor	2.7 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Platinum 8276 processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8276L processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Platinum 8276M processor	2.2 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Platinum 8270 processor	2.7 GHz	26	35.75MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8268 processor	2.9 GHz	24	35.75MB	205 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260 processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8260L processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB

Feature	Description Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Platinum 8260M processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Platinum 8260Y processor	2.4 GHz	24	35.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
		2.5 GHz	20					
		2.7 GHz	16					
	Platinum 8256 processor	3.8 GHz	4	16.50MB	105 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Platinum 8253 processor	2.2 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold processors 3, 4, 5, 6, 7, 8							
	Gold 6262V processor	1.9 GHz	24	33.00MB	135 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6254 processor	3.1 GHz	18	24.75MB	200 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6252 processor	2.1 GHz	24	35.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6252N processor	2.3 GHz	24	35.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6248 processor	2.5 GHz	20	27.5MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6246 processor	3.3 GHz	12	24.75MB	165 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6244 processor	3.6 GHz	8	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6242 processor	2.8 GHz	16	22MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6240Y processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	1TB
		2.8 GHz	14					
		3.1 GHz	8					
	Gold 6240L processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Gold 6240M processor	2.6 GHz	18	24.75MB	150 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Gold 6238 processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	1TB

Feature	Description Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Gold 6238L processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	4.5TB
	Gold 6238M processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2933 MT/s	2TB
	Gold 6234 processor	3.3 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6230 processor	2.1 GHz	20	27.5MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6230N processor	2.3 GHz	20	27.50MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6226 processor	2.7 GHz	12	19.25MB	125 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6222V processor	1.8 GHz	20	27.50MB	115 W	3 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 6212U processor	2.4 GHz	24	35.75MB	165 W	NA	2933 MT/s	1TB
	Gold 6210U processor	2.5 GHz	20	27.50MB	150 W	NA	2933 MT/s	1TB
	Gold 6209U processor	2.1 GHz	20	27.50MB	125 W	NA	2933 MT/s	1TB
	Gold 6208U processor	2.9 GHz	16	22MB	150 W	NA	2933 MT/s	1TB
	Gold 5222 processor	3.8 GHz	4	16.5MB	150 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 5220 processor	2.2 GHz	18	24.75MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5220S processor	2.7 GHz	18	24.75MB	125 W	2 @ 10.4 GT/s	2933 MT/s	1TB
	Gold 5218 processor	2.3 GHz	16	22MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218N processor ⁹	2.3 GHz	16	22MB	110 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5218B processor ⁹	2.3 GHz	16	22MB	125 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5217 processor	3.0 GHz	8	11MB	115 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5215 processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	1TB
	Gold 5215L processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	4.5TB
	Gold 5215M processor	2.5 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2666 MT/s	2TB

Feature	Description Models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Silver processors 4, 6, 7, 10, 11, 12								
	Silver 4216 processor	2.1 GHz	16	22MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4215 processor	2.5 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214R processor	2.4 GHz	12	16.5MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4214Y processor	2.2 GHz	12	16.5MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
		2.3 GHz	10					
		2.4 GHz	8					
	Silver 4214 processor	2.2 GHz	12	16.5MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4210R processor	2.4 GHz	10	13.75MB	100 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4210 processor	2.2 GHz	10	13.75MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
	Silver 4208 processor	2.1 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2400 MT/s	1TB
Bronze processors 7, 11, 12, 13, 14, 15								
	Bronze 3204 processor	1.9 GHz	6	8.25MB	85 W	2 @ 9.6 GT/s	2133 MT/s	1TB
	Bronze 3206R processor	1.9 GHz	8	11MB	85 W	2 @ 9.6 GT/s	2133 MT/s	1TB

Table 2. 1st Generation Intel Xeon scalable processor family

Intel Xeon models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
Platinum processors 6, 7, 16, 17, 18							
Platinum 8180M processor	2.5 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
Platinum 8180 processor	2.5 GHz	28	38.50MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
Platinum 8176 processor	2.1 GHz	28	38.50MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB

Feature	Description models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Platinum 8170 processor	2.1 GHz	26	35.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8168 processor	2.7 GHz	24	33.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8165 processor	2.3 GHz	24	33.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8164 processor	2.0 GHz	26	35.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8160M processor	2.1 GHz	24	33.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
	Platinum 8160 processor	2.1 GHz	24	33.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8158 processor	3.0 GHz	12	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8156 processor	3.6 GHz	4	16.50MB	105 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Platinum 8153 processor	2.0 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold processors 7, 17, 19, 20, 21							
	Gold 6154 processor	3.0 GHz	18	24.75MB	200 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6152 processor	2.1 GHz	22	30.25MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6150 processor	2.7 GHz	18	24.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6148 processor	2.4 GHz	20	27.50MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6146 processor	3.2 GHz	12	24.75MB	165 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6144 processor	3.5 GHz	8	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6143 processor	2.8 GHz	16	22.00MB	205 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6142 processor	2.6 GHz	16	22.00MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB

Feature	Description models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Gold 6140 processor	2.3 GHz	18	24.75MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6138 processor	2.0 GHz	20	27.50MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6136 processor	3.0 GHz	12	24.75MB	150 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6134M processor	3.2 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2666 MT/s	1.5TB
	Gold 6134 processor	3.2 GHz	8	24.75MB	130 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6132 processor	2.6 GHz	14	19.25MB	140 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6130 processor	2.1 GHz	16	22.00MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6128 processor	3.4 GHz	6	19.25MB	115 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 6126 processor	2.6 GHz	12	19.25MB	125 W	3 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 5122 processor	3.6 GHz	4	16.50MB	105 W	2 @ 10.4 GT/s	2666 MT/s	768GB
	Gold 5120 processor	2.2 GHz	14	19.25MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5118 processor	2.3 GHz	12	16.50MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5117 processor	2.0 GHz	14	19.25MB	105 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Gold 5115 processor	2.4 GHz	10	13.75MB	85 W	2 @ 10.4 GT/s	2400 MT/s	768GB
	Silver processors 6, 7, 10, 22, 23							
	Silver 4116 processor	2.1 GHz	12	16.50MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4114 processor	2.2 GHz	10	13.75MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4112 processor	2.6 GHz	4	8.25MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4110 processor	2.1 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Silver 4108 processor	1.8 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2400 MT/s	768GB
	Bronze processors 7, 13, 15, 23							

Feature	Description models	CPU Frequency	Cores	L3 Cache	Power	UPI	DDR4	Memory per socket
	Bronze 3106 processor	1.7 GHz	8	11.00MB	85 W	2 @ 9.6 GT/s	2133 MT/s	768GB
	Bronze 3104 processor	1.7 GHz	6	8.25MB	85 W	2 @ 9.6 GT/s	2133 MT/s	768GB

Public Intel offering ²⁴

Processor suffix	Description	Offering
L	Large memory tier	Up to 4.5TB addressable memory per socket
M	Medium memory tier	Up to 2.0TB 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
S	Search optimized	Optimized base frequency to address 'search' workloads, other workloads may see throttling
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 fewer cores are enabled. Allows greater flexibility, deployment options and platform longevity

Form factor	1 U Rack
Chassis types	8 Small Form Factor (SFF) chassis with options supporting: +2 SFF or 2 NVMe or 2 dual uFF (4 x M.2 Cartridges) 10 SFF NVMe Premium chassis 4 LFF Chassis

Feature	Description	
System fans	Single rotor hot plug fans will be included	
	For 4 LFF and 8 SFF chassis: • 1 CPU - Includes 5 standard fans • 2 CPUs - Includes 7 standard fans For 10 NVMe premium chassis: 2 CPUs - Includes 7 high performance fans as standard	
Graphics	Integrated video standard • Video modes up to 1920 x 1200 - 60 Hz (32 bp) • 16MB video memory HPE iLO 5 on system management memory • 32MB flash • 4Gb DDR3 with ECC protection	
Embedded management	HPE iLO	Monitor users servers for ongoing management, service alerting, reporting and remote management with HPE iLO
	UEFI	Configure and boot users servers securely with industry standard UEFI
	Intelligent provisioning	Hassle free server and Operating System (OS) provisioning for one or more servers with intelligent provisioning
	iLO RESTful API	iLO RESTful API is Redfish API conformance and offers simplified server management automation such as configuration and maintenance tasks based on modern industry standards

Feature	Description												
Security	• UEFI secure boot and secure start support • Immutable silicon root of trust • FIPS 140-2 validation (iLO 5 certification in progress) • Common criteria certification (iLO 5 certification in progress) • Configurable for PCI DSS compliance • AES and TDES on browser • Support for Commercial National Security Algorithms (CNSA) • iLO security modes including a new iLO advanced premium security license • Granular control over iLO interfaces • Smart card (PIV/CAC) and Kerberos based 2-factor authentication • Tamper-Free updates - Components digitally signed and verified • Secure recovery - Recover critical firmware to known good state on detection of compromised firmware. • Ability to rollback firmware • Secure erase of NAND • TPM 1.2 option • TPM 2.0 option • Bezel locking kit • Chassis intrusion detection option												
Chipset	Intel C621 chipset Click here to access more information on Intel chipsets .												
System management chipset	HPE iLO 5 ASIC Click here to access HPE iLO QuickSpecs for more details .												
Memory ²⁵	<table> <tr> <th>Type</th><th>HPE DDR4 SmartMemory Registered (RDIMM), Load Reduced (LRDIMM)</th></tr> <tr> <td>DIMM Slots available</td><td>24 (12 DIMM slots per processor, 6 channels per processor, 2 DIMMs per channel)</td></tr> <tr> <td>Maximum capacity (LRDIMM)</td><td>3.0TB (24 x 128GB LRDIMM - 2933 MT/s)</td></tr> <tr> <td>Maximum capacity (RDIMM)</td><td>1.54TB (24 x 64GB RDIMM - 2933 MT/s)</td></tr> <tr> <td>Maximum capacity (HPE Next-Generation persistent memory)</td><td>6.0GB (12 x 512GB NVDIMM - 2666 MT/s)</td></tr> <tr> <td>Maximum capacity (NVDIMM)</td><td>192GB (12 x 16GB NVDIMM - 2666 MT/s)</td></tr> </table> Click here to access Server memory population rules for HPE Gen10 servers with Intel Xeon Scalable Processors for more information	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)	3.0TB (24 x 128GB LRDIMM - 2933 MT/s)	Maximum capacity (RDIMM)	1.54TB (24 x 64GB RDIMM - 2933 MT/s)	Maximum capacity (HPE Next-Generation persistent memory)	6.0GB (12 x 512GB NVDIMM - 2666 MT/s)	Maximum capacity (NVDIMM)	192GB (12 x 16GB NVDIMM - 2666 MT/s)
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)	3.0TB (24 x 128GB LRDIMM - 2933 MT/s)												
Maximum capacity (RDIMM)	1.54TB (24 x 64GB RDIMM - 2933 MT/s)												
Maximum capacity (HPE Next-Generation persistent memory)	6.0GB (12 x 512GB NVDIMM - 2666 MT/s)												
Maximum capacity (NVDIMM)	192GB (12 x 16GB NVDIMM - 2666 MT/s)												
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												

Feature	Description				
	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 9.5 in)
2	PCIe 3.0	x8	x8	CPU1	Low profile
Primary SATA M.2 riser					
1	PCIe 3.0	x16	x16	CPU1	Full-Height; 3/4 length (Up to 9.5 in)
2	PCIe 3.0	x16	x16	CPU1	Low profile
Primary NVMe riser					
1	PCIe 3.0	x16	x16	CPU1	Full-Height; 3/4 length (Up to 9.5 in)
2	PCIe 3.0	x8	x8	CPU1	Low profile
Secondary riser					
3	PCIe 3.0	x16	x16	CPU2	• Low profile • Full-Height; 3/4 length (Up to 9.5 in)
Storage controllers					
NVMe Boot device					
• HPE NS204i-p NVMe PCIe3 OS Boot device					
Software (SW) RAID ²⁶					
• HPE Smart array S100i SR Gen10 SW RAID					
Click here to view more information regarding Implementing Linux Software RAID1 on HPE ProLiant Servers .					
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					

Feature	Description																															
Internal storage devices	Performance RAID controllers ²⁷	- 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																														
	Optical drive	Available on 8 SFF and 4 LFF CTO chassis as an option (DVD-ROM or DVD-RW)																														
	Hard drives	None ship standard																														
Maximum storage	<table> <tr> <th>Storage</th><th>Capacity</th><th>Configuration</th></tr> <tr> <td>Hot plug SFF SAS HDD</td><td>26.4TB</td><td>8+2+1 x 2.4TB (With optional UMB + rear drive option)</td></tr> <tr> <td>Hot plug SFF SATA HDD</td><td>22TB</td><td>8+2+1 x 2.0TB (With optional UMB + rear drive option)</td></tr> <tr> <td>Hot plug SFF SAS SSD</td><td>168.3TB</td><td>8+2+1 x 15.3TB (With optional UMB + rear drive option)</td></tr> <tr> <td>Hot plug SFF SATA SSD</td><td>84.48 TB</td><td>8+2+1 x 7.68 TB (With optional UMB + rear drive option)</td></tr> <tr> <td>Hot plug SFF NVMe PCIe SSD</td><td>153.6 TB</td><td>10 x 15.36TB NVMe</td></tr> <tr> <td>Hot plug LFF SAS HDD</td><td>72TB</td><td>4 x 18TB</td></tr> <tr> <td>Hot plug LFF SATA HDD</td><td>72TB</td><td>4 x 18TB</td></tr> <tr> <td>Hot plug LFF SAS SSD</td><td>7.68TB</td><td>4 x 1.92TB</td></tr> <tr> <td>Hot plug LFF SATA SSD</td><td>7.68TB</td><td>4 x 1.92TB</td></tr> </table>		Storage	Capacity	Configuration	Hot plug SFF SAS HDD	26.4TB	8+2+1 x 2.4TB (With optional UMB + rear drive option)	Hot plug SFF SATA HDD	22TB	8+2+1 x 2.0TB (With optional UMB + rear drive option)	Hot plug SFF SAS SSD	168.3TB	8+2+1 x 15.3TB (With optional UMB + rear drive option)	Hot plug SFF SATA SSD	84.48 TB	8+2+1 x 7.68 TB (With optional UMB + rear drive option)	Hot plug SFF NVMe PCIe SSD	153.6 TB	10 x 15.36TB NVMe	Hot plug LFF SAS HDD	72TB	4 x 18TB	Hot plug LFF SATA HDD	72TB	4 x 18TB	Hot plug LFF SAS SSD	7.68TB	4 x 1.92TB	Hot plug LFF SATA SSD	7.68TB	4 x 1.92TB
Storage	Capacity	Configuration																														
Hot plug SFF SAS HDD	26.4TB	8+2+1 x 2.4TB (With optional UMB + rear drive option)																														
Hot plug SFF SATA HDD	22TB	8+2+1 x 2.0TB (With optional UMB + rear drive option)																														
Hot plug SFF SAS SSD	168.3TB	8+2+1 x 15.3TB (With optional UMB + rear drive option)																														
Hot plug SFF SATA SSD	84.48 TB	8+2+1 x 7.68 TB (With optional UMB + rear drive option)																														
Hot plug SFF NVMe PCIe SSD	153.6 TB	10 x 15.36TB NVMe																														
Hot plug LFF SAS HDD	72TB	4 x 18TB																														
Hot plug LFF SATA HDD	72TB	4 x 18TB																														
Hot plug LFF SAS SSD	7.68TB	4 x 1.92TB																														
Hot plug LFF SATA SSD	7.68TB	4 x 1.92TB																														
Power supply	- HPE 500 W flex slot platinum hot plug low halogen power supply kit ²⁸ - HPE 800 W flex slot platinum hot plug low halogen power supply kit ^{29, 30} - HPE 1600 W flex slot platinum hot plug low halogen power supply kit ^{28, 31}																															
Interfaces	Serial	1 port - Optional																														
	Video	1 Front - Display port (Optional 8 SFF and 4 LFF chassis only) 1 Rear - VGA port (Standard on all chassis)																														
	Network ports	4 x 1 GbE embedded NIC (Standard on all chassis) 1 FlexibleLOM slot available on all chassis (Supporting various NICs adapters)																														
	iLO remote management port	1Gb Dedicated																														

Feature	Description
	MicroSD slot
	1 MicroSD slot
	USB 3.0
	Up to 5 total: • 1-front, 2-rear, 2-internal (Standard on all chassis) • 1-optional USB 2.0 front (On 8 SFF and 4 LFF only)
	Systems Insight Display (SID)
	Optional for all chassis
Industry standard compliance	• ACPI 6.1 compliant • PCIe 3.0 compliant • Wake On Lan (WOL) support • Microsoft logo certifications • PXE support • USB 3.0 compliant • USB 2.0 compliant (Only on optional universal media bay) • SMBIOS 3.1 • Unified Extensible Firmware Interface Forum 2.6 (UEFI) • Redfish API • IPMI 2.0 • Secure digital 4.0 • TPM 1.2 and 2.0 support • Advanced Encryption Standard (AES) • Triple Data Encryption Standard (TDES) • SNMP v3 • TLS 1.2 • DMTF Systems Management Architecture for Server Hardware Command Line (SMASH CLP) • Active directory v1.0 • ASHRAE A3/A4 • Energy star • EU eco-design regulations for server and storage products, known as Lot 9, go into effect on March 1st, 2020. Among other requirements, for servers this directive establishes power thresholds for idle state, as well as efficiency and performance in active state which vary among configurations. HPE ProLiant Gen10 servers are compliant with Lot 9 requirements.

Feature	Description
HPE server UEFI/Legacy ROM	UEFI Enables numerous new capabilities specific to HPE ProLiant servers such as: - Secure Boot and Secure Start enable for enhanced security - Operating system specific functionality - Support for > 2.2TB (Using GPT) boot drives - USB 3.0 Stack - Embedded UEFI Shell - Mass Configuration Deployment Tool using iLO RESTful API that is Redfish API Conformant - PXE boot support for IPv6 networks - Workload Profiles for simple performance optimization UEFI Boot Mode only: - TPM 2.0 Support - NVMe Boot Support - Platform Trust Technology (PTT) can be enabled - iSCSI Software Initiator Support - HTTP/HTTPs Boot support as a PXE alternative - Boot support for option cards that only support a UEFI option ROM



NOTE:

- The 2nd digit of the processor model number “x1xx” and “x2xx” is used to denote the processor generation (i.e. 1=1st generation and 2=2nd generation).
 - Field upgrades from 1st generation processors (x1xx) to 2nd generation processors (x2xx) not supported.
 - “U” processors (i.e. 6212 U) only supported in single socket configurations.
- 6-Channel DDR4 @ 2933 MT/s.
- 6TB max RAM (Larger than 2TB memory per socket on select SKUs).
- Support for: HPE Persistent Memory, Vector Neural Network Instructions (VNNI) for inference acceleration.
- 2 and 4 socket 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.
- 6-Channel DDR4 @ 2933 MT/s (Gold 6200 & 5222 skus only), 2666 MT/s on all Gold 5200 skus (except 5222 @ 2933 MT/s).
- 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 @ 2400 MT/s.
- 2TB max RAM.
- 2 and 4 socket capable, 2S - 2UPI, 2S - 3UPI, 4S - 3UPI @ 9.6 GT/s.
- 6-Channel DDR4 @ 2133 MT/s.
- Support for: Intel Vector Neural Network Instructions (VNNI) for inference acceleration.
- Intel AVX-512 (2x 512-bit FMA).
- 6-Channel 1DPC DDR4 @ 2666 MT/s.
- 768GB max memory capacity (1.5TB on select skus).
- 2 and 4 socket capable, 2S - 2UPI, 4S - 3UPI, 8S - 3UPI @ 10.4 GT/s.
- 6-Channel 1DPC DDR4 @ 2400 MT/s (SKU 5122 - supports 2666 MT/s).
- 2 and 4 socket 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).
- 6-Channel DDR4 @ 2400 MT/s, 768 GB max memory capacity.
- 2 socket capable, 2S - 2UPI @ 9.6 GT/s.

Feature 24. This table contains information for public Intel offering only.

[Click here to view for more information regarding Intel Xeon processors.](#)

25.
 - NVDIMMs can only be mixed with RDIMMs.
 - A maximum of 12 NVDIMMs supported with 1st generation Intel Xeon Scalable processors.
 - HPE Persistent Memory only supported on 2nd generation Intel Xeon Scalable Processor series (Platinum 8200, Gold 6200, Gold 5200, Silver 4215 and 4215R).
 - Maximum memory per socket is dependent on processor selection. 2nd generation processors supporting 2TB or 4.5TB per CPU are indicated by the “M” and “L” in the processor model names (i.e. 8276M and 8276L).
 - 1st generation processors supporting 1.5TB per CPU are indicated by the “M” in the processor model names (i.e. 8160M).
 - Mixing of RDIMM and LRDIMM memory is not supported.
26.
 - All models come with the S100i Smart Array Controller with embedded software RAID support for up to 12 bays. The S100i uses 14 embedded SATA ports, but only 12 are available for bays as 2 are leveraged to support the M.2 connectors on the optional SATA M.2 capable primary riser (867978-B21).
 - 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.
 - HPE Smart Array S100i SR Gen10 SW RAID is off by default and must be enabled.
 - The S100i supports Microsoft Windows Server only.
 - For Linux users, HPE offers a solution that uses in-distro open-source software to create a two-disk RAID 1 boot volume.
27. If GPGPU is needed then the LH controller (low profile heatsink) should be ordered to allow GPU to fit in the chassis.
28. Available in 94% efficiency.
29. Available in 94% and 96% efficiency.
30. Also available in (-48) V dc and 227 V ac/380 V dc power inputs.
31. 1600 W Power supplies only support high line voltage (200 to 240 V ac).

Physical specifications

Specification	Description	
	SFF Drives	LFF Drives
Dimensions (H x W x D)	4.29 x 43.46 x 70.7 cm (1.69 x 17.11 x 27.83 in)	4.29 x 43.46 x 74.98 cm (1.69 x 17.11 x 29.5 in)
Weight (Approximate)	• Minimum: 13.04 kg (28.74 lb) (1 Drive, 1 processor, 1 power supply, 2 heatsinks, 1 Smart Array controller, and 5 fans) • Maximum: 16.27 kg (35.86 lb) (10 Drives, 2 processors, 2 power supplies, 2 heatsinks, 1 Smart Array controller and 7 fans)	• Minimum: 13.77 kg (30.36 lb) (1 Drive, 1 processor, 1 power supply, 2 heatsinks, 1 Smart Array controller and 5 fans) • Maximum: 16.78 kg (37 lb) (4 Drives, 2 processors, 2 power supplies, 2 heatsinks, 1 Smart Array controller and 7 fans)

Environmental specifications

Specification	Description	
System inlet temperature	Standard operating support	Extended ambient operating support
	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 - System performance during standard operating support may be reduced if operating with a fan fault or above 30°C (86°F) - 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).	- 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) - System performance may be reduced if operating in the extended ambient operating range or with a fan fault
Relative humidity (Non-Condensing)	Operating humidity	Non-Operating humidity
	8% to 90% - Relative humidity, 28°C maximum wet bulb temperature	5% to 95% Relative humidity, 38.7°C (101.7°F) maximum wet bulb temperature
Altitude	Operating	Non-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)	9144 m (30,000 ft) Maximum allowable altitude change rate is 457 m/min (1500 ft/min)

Specification	Description
Acoustic noise ¹	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).

Configuration Entry SKU	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:

1. 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

Electrical specifications

Specification	Description
Input requirement (Per power supply)	Rated line voltage - For 1600 W (Platinum): 200-240 V ac - For 800 W (Titanium) power supply: 200-240 V ac - For 800 W (Platinum): 100-240 V ac - For 800 W (Universal) power supply: 200-277 V ac - For 800 W (-48 V dc): (-40) to (-72) V dc 500 W (Platinum) power supply: 100-240 V ac

Specification	Description
BTU rating	Maximum: • For 1600 W power supply: ◦ 5918 BTU/hr (At 200 V ac) ◦ 5888 BTU/hr (At 220 V ac) ◦ 5884 BTU/hr (At 240 V ac) • For 800 W (Titanium) power supply: ◦ 2905 BTU/hr (At 200 V ac) ◦ 2899 BTU/hr (At 220 V ac) ◦ 2893 BTU/hr (At 240 V ac) • For 800 W (Platinum) power supply: ◦ 3067 BTU/hr (At 100 V ac) ◦ 2958 BTU/hr (At 200 V ac) ◦ 2949 BTU/hr (At 240 V ac) • For 800 W (Universal) power supply: ◦ 2964 BTU/hr (At 200 V ac) ◦ 2951 BTU/hr (At 230 V ac) ◦ 2936 BTU/hr (At 277 V ac) • For 800 W (-48) V dc power supply: ◦ 2983 BTU/hr (At (-40) V dc) ◦ 2951 BTU/hr (At (-48) V dc) ◦ , 2912 BTU/hr (At (-72) V dc) • For 500 W (Platinum) power supply: ◦ 1902 BTU/hr (At 100 V ac) ◦ 1840 BTU/hr (At 200 V ac) ◦ 1832 BTU/hr (At 240 V ac)

Specification	Description
Power supply output (Per power supply)	Rated steady-state power: • For 1600 W power supply: ◦ 1600 W (At 240 V ac) ◦ 1600 W (At 240 V dc) for china only • For 800 W (Titanium) power supply: ◦ 800 W (At 200 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) for china only • For 800 W (Platinum) power supply: ◦ 800 W (At 100 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) input for china only • For 800 W (-48) V dc power supply: ◦ 800 W (At (-40) V dc) ◦ 800 W (At (-72) V dc) • For 800 W (Universal) power supply: ◦ 800 W (At 200 V ac) ◦ 800 W (At 277 V ac) • For 500 W (Platinum) power supply: ◦ 500 W (At 100 V ac) ◦ 500 W (At 240 V ac) ◦ 500 W (At 240 V dc) input for china only

Specification	Description
	Maximum peak power: • For 1600 W power supply: ◦ 1600 W (At 200 to 240 V ac) ◦ 1600 W (At 240 V dc) input for china only • For 800 W (Titanium) power supply: ◦ 800 W (At 200 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) for china only • For 800 W (Platinum) power supply: ◦ 800 W (At 100 V ac) ◦ 800 W (At 240 V ac) ◦ 800 W (At 240 V dc) input for china only • For 800 W (Universal) power supply: ◦ 800 W (At 200 V ac) ◦ 800 W (At 277 V ac) • For 800 W (-48) V dc power supply: ◦ 800 W (At (-40) V dc) ◦ 800 W (At (-72) V dc) • For 500 W (Platinum) power supply: ◦ 500 W (At 100 V ac) ◦ 500 W (At 240 V ac) ◦ 500 W (At 240 V dc) input for china only

Safety certifications

Specifications	Description
Emissions Classification (EMC) - Regulatory information	To view the regulatory information for the product, view the Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products, available at the Hewlett Packard Enterprise Support Center Click here to view the Safety and Compliance Information for Server, Storage, Power, Networking, and Rack Products (Multilingual).

Option Parts

Subtopics

New model specific parts lists

Processors

Memory

Power supplies

Drives

Internal - 6G SATA-Dual M.2 enabling kits

Hard drive blank kits

Networking

HPE Computation and graphics accelerators

Embedded management

Converged infrastructure management software

PCIe Workload accelerator options

HPE Security

HPE Boot controllers

Storage controllers

HPE Storage

HPE Rack

USB and SD options

HPE Support services

Unique options

Cables

HPE Smart IO

New model specific parts lists

IMPORTANT: To obtain current part number information for a specific product model, use the Standard Models page for this product family.

.

- The product Standard Models page now links the model SKU numbers to the spare parts list for each model found on the HPE PartSurfer website. (To report missing or incorrect parts information in PartSurfer, please use the "Contact us" and "Missing or incorrect data" links within the PartSurfer website utility).
- To look up RoHS-compliant information in PartSurfer, use the component's option part number or the sales order number for a system in which the component is used (Available in the QuickSpecs or Standard Models page).

Processors



Table 1. Second generation processors

Description	Option Part Number
Intel Xeon-Platinum processors	
Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02679-B21
Intel Xeon-Platinum 8280 (2.7 GHz/28-core/205 W) Factory Installation Option (FIO) processor kit for HPE ProLiant DL360 Gen10	P02679-L21
Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02718-B21
Intel Xeon-Platinum 8280L (2.7 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02718-L21
Intel Xeon-Platinum 8276 (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02676-B21
Intel Xeon-Platinum 8276 (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02676-L21
Intel Xeon-Platinum 8276L (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02715-B21
Intel Xeon-Platinum 8276L (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02715-L21
Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02673-B21
Intel Xeon-Platinum 8270 (2.7 GHz/26-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02673-L21
Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P02670-B21
Intel Xeon-Platinum 8268 (2.9 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02670-L21
Intel Xeon-Platinum 8260 (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02661-B21
Intel Xeon-Platinum 8260 (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02661-L21
Intel Xeon-Platinum 8260L (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02712-B21
Intel Xeon-Platinum 8260L (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02712-L21
Intel Xeon-Platinum 8260Y (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02682-B21
Intel Xeon-Platinum 8260Y (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02682-L21
Intel Xeon-Platinum 8256 (3.8 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P02655-B21

Description	Option Part Number
Intel Xeon-Platinum 8256 (3.8 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02655-L21
Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02652-B21
Intel Xeon-Platinum 8253 (2.2 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02652-L21
Intel Xeon-Gold processors	
Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) processor kit for HPE ProLiant DL360 Gen10	P11842-B21
Intel Xeon-Gold 6262V (1.9 GHz/24-core/135 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11842-L21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24488-B21
Intel Xeon-Gold 6258R (2.7 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24488-L21
Intel Xeon-Gold 6256 (3.6 GHz/12-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P23744-B21
Intel Xeon-Gold 6256 (3.6 GHz/12-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P23744-L21
Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) processor kit for HPE ProLiant DL360 Gen10	P02649-B21
Intel Xeon-Gold 6254 (3.1 GHz/18-core/200 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02649-L21
Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02646-B21
Intel Xeon-Gold 6252 (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02646-L21
Intel Xeon-Gold 6252N (2.3 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P11851-B21
Intel Xeon-Gold 6252N (2.3 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11851-L21
Intel Xeon-Gold 6250L (3.9 GHz/8-core/185 W) processor kit for HPE ProLiant DL360 Gen10	P28257-B21
Intel Xeon-Gold 6250L (3.9 GHz/8-core/185 W) FIO processor kit for HPE ProLiant DL360 Gen10	P28257-L21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) processor kit for HPE ProLiant DL360 Gen10	P23741-B21
Intel Xeon-Gold 6250 (3.9 GHz/8-core/185 W) FIO processor kit for HPE ProLiant DL360 Gen10	P23741-L21
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24487-B21

Description	Option Part Number
Intel Xeon-Gold 6248R (3.0 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24487-L21
Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02640-B21
Intel Xeon-Gold 6248 (2.5 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02640-L21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24486-B21
Intel Xeon-Gold 6246R (3.4 GHz/16-core/205 W) FIO Processor Kit for HPE ProLiantDL360 Gen10	P24486-L21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P15443-B21
Intel Xeon-Gold 6246 (3.3 GHz/12-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15443-L21
Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02634-B21
Intel Xeon-Gold 6244 (3.6 GHz/8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02634-L21
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) processor kit for HPE ProLiant DL360 Gen10	P24485-B21
Intel Xeon-Gold 6242R (3.1 GHz/20-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24485-L21
Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02628-B21
Intel Xeon-Gold 6242 (2.8 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02628-L21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P24484-B21
Intel Xeon-Gold 6240R (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24484-L21
Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02625-B21
Intel Xeon-Gold 6240 (2.6 GHz/18-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02625-L21
Intel Xeon-Gold 6240Y (2.6 GHz/18-14-8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02613-B21
Intel Xeon-Gold 6240Y (2.6 GHz/18-14-8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02613-L21
Intel Xeon-Gold 6240L (2.6 GHz/18-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02643-B21
Intel Xeon-Gold 6240L (2.6 GHz/18-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02643-L21

Description	Option Part Number
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P24483-B21
Intel Xeon-Gold 6238R (2.2 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24483-L21
Intel Xeon-Gold 6238 (2.1 GHz/22-core/140W) processor kit for HPE ProLiant DL360 Gen10	P02637-B21
Intel Xeon-Gold 6238 (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	P02637-L21
Intel Xeon-Gold 6238L (2.1 GHz/22-core/140W) processor kit for HPE ProLiant DL360 Gen10	P02658-B21
Intel Xeon-Gold 6238L (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	P02658-L21
Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	P02604-B21
Intel Xeon-Gold 6234 (3.3 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02604-L21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P24482-B21
Intel Xeon-Gold 6230R (2.1 GHz/26-core/150 W) FIO Processor Kit for HPE ProLiant DL360 Gen10	P24482-L21
Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02607-B21
Intel Xeon-Gold 6230 (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02607-L21
Intel Xeon-Gold 6230N (2.3 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P11848-B21
Intel Xeon-Gold 6230N (2.3 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11848-L21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) Processor Kit for HPE ProLiant DL360Gen10	P24481-B21
Intel Xeon-Gold 6226R (2.9 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24481-L21
Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02601-B21
Intel Xeon-Gold 6226 (2.7 GHz/12-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02601-L21
Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) processor kit for HPE ProLiant DL360 Gen10	P11839-B21
Intel Xeon-Gold 6222V (1.8 GHz/20-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11839-L21
Intel Xeon-Gold 6212U (2.4 GHz/24-core/165 W) processor kit for HPE ProLiant DL360 Gen10	P02667-B21

Description	Option Part Number
Intel Xeon-Gold 6212U (2.4 GHz/24-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02667-L21
Intel Xeon-Gold 6210U (2.5 GHz/20-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P02631-B21
Intel Xeon-Gold 6210U (2.5 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02631-L21
Intel Xeon-Gold 6209U (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02622-B21
Intel Xeon-Gold 6209U (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02622-L21
Intel Xeon-Gold 6208U (2.9 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P24489-B21
Intel Xeon-Gold 6208U (2.9 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24489-L21
Intel Xeon-Gold 5222 (3.8 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P02709-B21
Intel Xeon-Gold 5222 (3.8 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02709-L21
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	P15995-B21
Intel Xeon-Gold 5220R (2.2 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15995-L21
Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02595-B21
Intel Xeon-Gold 5220 (2.2 GHz/18-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02595-L21
Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02577-B21
Intel Xeon-Gold 5220S (2.7 GHz/18-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02577-L21
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P24480-B21
Intel Xeon-Gold 5218R (2.1 GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24480-L21
Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P02592-B21
Intel Xeon-Gold 5218 (2.3 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02592-L21
Intel Xeon-Gold 5218N (2.3 GHz/16-core/110 W) processor kit for HPE ProLiant DL360 Gen10	P11845-B21
Intel Xeon-Gold 5218N (2.3 GHz/16-core/110 W) FIO processor kit for HPE ProLiant DL360 Gen10	P11845-L21

Description	Option Part Number
Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	P12516-B21
Intel Xeon-Gold 5218B (2.3 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	P12516-L21
Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) processor kit for HPE ProLiant DL360 Gen10	P02589-B21
Intel Xeon-Gold 5217 (3.0 GHz/8-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02589-L21
Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02586-B21
Intel Xeon-Gold 5215 (2.5 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02586-L21
Intel Xeon-Gold 5215L (2.5 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02706-B21
Intel Xeon-Gold 5215L (2.5 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02706-L21
Intel Xeon-Silver processors	
Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P02583-B21
Intel Xeon-Silver 4216 (2.1 GHz/16-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02583-L21
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	P24479-B21
Intel Xeon-Silver 4215R (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	P24479-L21
Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02598-B21
Intel Xeon-Silver 4215 (2.5 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02598-L21
Intel Xeon-Silver 4214Y (2.2 GHz/12-10-8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02610-B21
Intel Xeon-Silver 4214Y (2.2 GHz/12-10-8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02610-L21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P15977-B21
Intel Xeon-Silver 4214R (2.4 GHz/12-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15977-L21
Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02580-B21
Intel Xeon-Silver 4214 (2.2 GHz/12-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02580-L21

Description	Option Part Number
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) processor kit for HPE ProLiant DL360 Gen10	P15974-B21
Intel Xeon-Silver 4210R (2.4 GHz/10-core/100 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15974-L21
Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02574-B21
Intel Xeon-Silver 4210 (2.2 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02574-L21
Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02571-B21
Intel Xeon-Silver 4208 (2.1 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02571-L21
Intel Xeon-Bronze processors	
Intel Xeon-Bronze 3204 (1.9 GHz/6-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P02565-B21
Intel Xeon-Bronze 3204 (1.9 GHz/6-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P02565-L21
Intel Xeon-Bronze 3206R(1.9 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	P15968-B21
Intel Xeon-Bronze 3206R(1.9 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	P15968-L21



NOTE:

- Mixing of 2 different processor models is not supported.
- For first processor, -L21 kit will include 5 fans. With the exception of Xeon-Gold 6256, Gold 6250L, Gold 6250, Gold 6212U, Gold 6210U, Gold 6209U & Gold 6208U processors, -B21 kits include 2 fans (For 4 LFF and 8 SFF CTO Server, 10 NVMe CTO Server always includes 7 High performance fans).
- Processors with 130 W or higher will ship with the High performance heat sink plus SKUs 8256, 5222. All other processors will ship with the Standard heat sink.
- When 2nd Generation Intel Xeon Scalable Processor is selected, then only DDR4-2933 Memory Kit can be selected
- Select one -L21 processor required, For second processor, select the same processor model with -B21. For example: first processor, select P02679-L21 then for second processor, select P02679-B21.
- P28257-B21, P28257-L21, P23741-B21, P23741-L21 NVMe SSDs not supported with these processors, Not supported on Premium 10SFF NVMe chassis, Ambient temperature support up to 25C on 4LFF and 8SFF configurations. 2SFF cages not supported, High performance fans are required.

Table 2. First generation processors

Description	Option Part Number
Intel Xeon-Platinum processors	
Intel Xeon-Platinum 8180M (2.5 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	876099-B21
Intel Xeon-Platinum 8180M (2.5 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	876099-L21

Description	Option Part Number
Intel Xeon-Platinum 8180 (2.5 GHz/28-core/205 W) processor kit for HPE ProLiant DL360 Gen10	867988-B21
Intel Xeon-Platinum 8180 (2.5 GHz/28-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	867988-L21
Intel Xeon-Platinum 8176 (2.1 GHz/28-core/165 W) processor kit for HPE ProLiant DL360 Gen10	870982-B21
Intel Xeon-Platinum 8176 (2.1 GHz/28-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	870982-L21
Intel Xeon-Platinum 8170 (2.1 GHz/26-core/165 W) processor kit for HPE ProLiant DL360 Gen10	870980-B21
Intel Xeon-Platinum 8170 (2.1 GHz/26-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	870980-L21
Intel Xeon-Platinum 8168 (2.7 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	870978-B21
Intel Xeon-Platinum 8168 (2.7 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	870978-L21
Intel Xeon-Platinum 8165 (2.3 GHz/24-core/205 W) processor kit for HPE ProLiant DL360 Gen10	879121-B21
Intel Xeon-Platinum 8165 (2.3 GHz/24-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	879121-L21
Intel Xeon-Platinum 8164 (2.0GHz/26-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870976-B21
Intel Xeon-Platinum 8164 (2.0GHz/26-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870976-L21
Intel Xeon-Platinum 8160M (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	876093-B21
Intel Xeon-Platinum 8160M (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	876093-L21
Intel Xeon-Platinum 8160 (2.1 GHz/24-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870974-B21
Intel Xeon-Platinum 8160 (2.1 GHz/24-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870974-L21
Intel Xeon-Platinum 8158 (3.0 GHz/12-core/150 W) processor kit for HPE ProLiant DL360 Gen10	874455-B21
Intel Xeon-Platinum 8158 (3.0 GHz/12-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	874455-L21
Intel Xeon-Platinum 8153 (2.0GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	870972-B21
Intel Xeon-Platinum 8153 (2.0GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	870972-L21
Intel Xeon-Gold processors	

Description	Option Part Number
Intel Xeon-Gold 6154 (3.0 GHz/18-core/200 W) processor kit for HPE ProLiant DL360 Gen10	870970-B21
Intel Xeon-Gold 6154 (3.0 GHz/18-core/200 W) FIO processor kit for HPE ProLiant DL360 Gen10	870970-L21
Intel Xeon-Gold 6152 (2.1 GHz/22-core/140W) processor kit for HPE ProLiant DL360 Gen10	860677-B21
Intel Xeon-Gold 6152 (2.1 GHz/22-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860677-L21
Intel Xeon-Gold 6150 (2.7 GHz/18-core/165 W) processor kit for HPE ProLiant DL360 Gen10	860675-B21
Intel Xeon-Gold 6150 (2.7 GHz/18-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	860675-L21
Intel Xeon-Gold 6148 (2.4 GHz/20-core/150 W) processor kit for HPE ProLiant DL360 Gen10	860673-B21
Intel Xeon-Gold 6148 (2.4 GHz/20-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860673-L21
Intel Xeon-Gold 6146 (3.2 GHz/12-core/165 W) processor kit for HPE ProLiant DL360 Gen10	860671-B21
Intel Xeon-Gold 6146 (3.2 GHz/12-core/165 W) FIO processor kit for HPE ProLiant DL360 Gen10	860671-L21
Intel Xeon-Gold 6144 (3.5 GHz/8-core/150 W) processor kit for HPE ProLiant DL360 Gen10	870966-B21
Intel Xeon-Gold 6144 (3.5 GHz/8-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	870966-L21
Intel Xeon-Gold 6143 (2.8 GHz/16-core/205 W) processor kit for HPE ProLiant DL360 Gen10	879118-B21
Intel Xeon-Gold 6143 (2.8 GHz/16-core/205 W) FIO processor kit for HPE ProLiant DL360 Gen10	879118-L21
Intel Xeon-Gold 6142 (2.6 GHz/16-core/150 W) processor kit for HPE ProLiant DL360 Gen10	860669-B21
Intel Xeon-Gold 6142 (2.6 GHz/16-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860669-L21
Intel Xeon-Gold 6140 (2.3 GHz/18-core/140W) processor kit for HPE ProLiant DL360 Gen10	860667-B21
Intel Xeon-Gold 6140 (2.3 GHz/18-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860667-L21
Intel Xeon-Gold 6138 (2.0GHz/20-core/125 W) processor kit for HPE ProLiant DL360 Gen10	870968-B21
Intel Xeon-Gold 6138 (2.0GHz/20-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	870968-L21
Intel Xeon-Gold 6136 (3.0 GHz/12-core/150 W) processor kit for HPE ProLiant DL360 Gen10	860691-B21

Description	Option Part Number
Intel Xeon-Gold 6136 (3.0 GHz/12-core/150 W) FIO processor kit for HPE ProLiant DL360 Gen10	860691-L21
Intel Xeon-Gold 6134M (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	876087-B21
Intel Xeon-Gold 6134M (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	876087-L21
Intel Xeon-Gold 6134 (3.2 GHz/8-core/130 W) processor kit for HPE ProLiant DL360 Gen10	860689-B21
Intel Xeon-Gold 6134 (3.2 GHz/8-core/130 W) FIO processor kit for HPE ProLiant DL360 Gen10	860689-L21
Intel Xeon-Gold 6132 (2.6 GHz/14-core/140W) processor kit for HPE ProLiant DL360 Gen10	860681-B21
Intel Xeon-Gold 6132 (2.6 GHz/14-core/140W) FIO processor kit for HPE ProLiant DL360 Gen10	860681-L21
Intel Xeon-Gold 6130 (2.1 GHz/16-core/125 W) processor kit for HPE ProLiant DL360 Gen10	860687-B21
Intel Xeon-Gold 6130 (2.1 GHz/16-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	860687-L21
Intel Xeon-Gold 6128 (3.4 GHz/6-core/115 W) processor kit for HPE ProLiant DL360 Gen10	860685-B21
Intel Xeon-Gold 6128 (3.4 GHz/6-core/115 W) FIO processor kit for HPE ProLiant DL360 Gen10	860685-L21
Intel Xeon-Gold 6126 (2.6 GHz/12-core/125 W) processor kit for HPE ProLiant DL360 Gen10	860683-B21
Intel Xeon-Gold 6126 (2.6 GHz/12-core/125 W) FIO processor kit for HPE ProLiant DL360 Gen10	860683-L21
Intel Xeon-Gold 5122 (3.6 GHz/4-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860679-B21
Intel Xeon-Gold 5122 (3.6 GHz/4-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860679-L21
Intel Xeon-Gold 5120 (2.2 GHz/14-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860665-B21
Intel Xeon-Gold 5120 (2.2 GHz/14-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860665-L21
Intel Xeon-Gold 5118 (2.3 GHz/12-core/105 W) processor kit for HPE ProLiant DL360 Gen10	860663-B21
Intel Xeon-Gold 5118 (2.3 GHz/12-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	860663-L21
Intel Xeon-Gold 5117 (2.0GHz/14-core/105 W) processor kit for HPE ProLiant DL360 Gen10	P00793-B21
Intel Xeon-Gold 5117 (2.0GHz/14-core/105 W) FIO processor kit for HPE ProLiant DL360 Gen10	P00793-L21

Description	Option Part Number
Intel Xeon-Gold 5115 (2.4 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860661-B21
Intel Xeon-Gold 5115 (2.4 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860661-L21
Intel Xeon-Silver Processor	
Intel Xeon-Silver 4116 (2.1 GHz/12-core/85 W) processor kit for HPE ProLiant DL360 Gen10	874449-B21
Intel Xeon-Silver 4116 (2.1 GHz/12-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	874449-L21
Intel Xeon-Silver 4114 (2.2 GHz/10-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860657-B21
Intel Xeon-Silver 4114 (2.2 GHz/10-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860657-L21
Intel Xeon-Silver 4112 (2.6 GHz/4-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860659-B21
Intel Xeon-Silver 4112 (2.6 GHz/4-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860659-L21
Intel Xeon-Silver 4110 (2.1 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860653-B21
Intel Xeon-Silver 4110 (2.1 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860653-L21
Intel Xeon-Silver 4108 (1.8 GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860655-B21
Intel Xeon-Silver 4108 (1.8 GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860655-L21
Intel Xeon-Bronze processor	
Intel Xeon-Bronze 3106 (1.7GHz/8-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860651-B21
Intel Xeon-Bronze 3106 (1.7GHz/8-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860651-L21
Intel Xeon-Bronze 3104 (1.7GHz/6-core/85 W) processor kit for HPE ProLiant DL360 Gen10	860649-B21
Intel Xeon-Bronze 3104 (1.7GHz/6-core/85 W) FIO processor kit for HPE ProLiant DL360 Gen10	860649-L21

Description	Option Part Number
 NOTE: - For first processor, -L21 kit will include 5 fans. With the exception of Xeon-Gold 6212U, Gold 6210U processors, -B21 kits include 2 fans (for 4 LFF and 8 SFF CTO Server, 10 NVMe CTO Server always includes 7 High performance fans) - Mixing of 2 different processor models are not allowed. - DDR4 speed is the maximum memory speed of the processor. Actual memory speed may depend on the quantity and type of Dual In-line Memory Module (DIMMs) installed. - Processors with 130 W or higher will ship with the High performance heat sink plus SKUs 8156, 6128, 5122. All other will processors will ship with the standard heat sink. - Processor ships with High performance heatsink. 879118-B21, 879121-L21 and 879121-B21 Requires the High performance fan kit (871244-B21). 879118-B21, 879121-L21 and 879121-B21 supports core boosting. To enable this feature an iLO advanced, or iLO advanced premium security edition license are required.	

Memory

Description	Option Part Number
Registered Dual In-line Memory Module (RDIMMs) for 2nd generation Intel Xeon scalable series	
HPE 64GB (1 x 64GB) dual rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00930-B21
HPE 32GB (1 x 32GB) Single Rank x4 DDR4-2933 CAS-21-21-21 Registered Memory Kit	P38446-B21
HPE 32GB (1 x 32GB) dual rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00924-B21
HPE 16GB (1 x 16GB) dual rank x8 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00922-B21
HPE 16GB (1 x 16GB) single rank x4 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00920-B21
HPE 8GB (1 x 8GB) single rank x8 DDR4-2933 CAS-21-21-21 registered smart memory kit	P00918-B21
Load Registered Dual In-line Memory Module (LRDIMMs) for 2nd generation Intel Xeon scalable series	
HPE 128GB (1 x 128GB) octal rank x4 DDR4-2933 CAS-24-21-21 load reduced 3DS smart memory kit	P00928-B21
HPE 64GB (1 x 64GB) quad rank x4 DDR4-2933 CAS-21-21-21 load reduced smart memory kit	P11040-B21
HPE 64GB (1 x 64GB) quad rank x4 DDR4-2933 CAS-21-21-21 load reduced smart memory kit	P00926-B21
RDIMMs For 1st generation Intel Xeon scalable series	
HPE 32GB (1 x 32GB) dual rank x 4 DDR4-2666 CAS-19-19-19 registered memory kit	815100-B21

Description	Option Part Number
HPE 16GB (1 x 16GB) single rank x 4 DDR4-2666 CAS-19-19-19 registered memory kit	815098-B21
HPE 16GB (1 x 16GB) dual rank x 8 DDR4-2666 CAS-19-19-19 registered memory kit	835955-B21
HPE 8GB (1 x 8GB) single rank x 8 DDR4-2666 CAS-19-19-19 registered memory kit	815097-B21
LRDIMMs For 1st generation Intel Xeon scalable series	
HPE 128GB (1 x 128GB) octal rank x 4 DDR4-2666 CAS-22-19-19 3DS load reduced memory kit	815102-B21
HPE 64GB (1 x 64GB) quad rank x 4 DDR4-2666 CAS-19-19-19 load reduced memory kit	815101-B21
HPE Persistent memory ¹	
Intel Optane 512GB persistent memory 100 Series for HPE	835810-B21
Intel Optane 256GB persistent memory 100 Series for HPE	835807-B21
Intel Optane 128GB persistent memory 100 Series for HPE	835804-B21
HPE Persistent memory (NVDIMM) ²	
HPE 16GB NVDIMM single rank x4 DDR4-2666 module kit	845264-B21



NOTE:

1. A maximum of 12 HPE Persistent Memory Kits supported on the following 2nd Generation Intel Xeon Scalable Processor series (Platinum 8200, Gold 6200, Gold 5200, Silver 4215 and 4215R).
2.
 - Can only be mixed with RDIMMs.
 - Maximum of 12 NVDIMMs supported with 1st generation Intel Xeon Scalable processors.

[Click here to view more information regarding HPE Persistent Memory Population Rules and Guidelines for Gen10 .](#)

Power supplies

Description	Option Part Number
HPE 500 W Flex slot platinum hot plug low halogen power supply kit	865408-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865438-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865414-B21
HPE 800 W Flex slot -48 V dc hot plug low halogen power supply kit	865434-B21
HPE 800 W Flex slot platinum hot plug low halogen power supply kit	865428-B21
HPE 1600 W Flex slot platinum hot plug low halogen power supply kit	830272-B21



NOTE:

- Mixing of 2 different power supplies are not allowed.
- 1600 W power supplies only support high line voltage (200 to 240 V ac).

Drives

Table 1. HPE Hard Disk Drives (HDD)

Description	Option Part Number
Enterprise - 12G SAS - Small Form Factor (SFF) drives	
HPE 2.4TB SAS 12G Enterprise 10K SFF (2.5 in) SC 3-year warranty Digitally Signed (DS) firmware HDD	881457-B21
HPE 1.8TB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty 512e DS firmware HDD	872481-B21
HPE 1.2TB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872479-B21
HPE 900GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870759-B21
HPE 600GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870757-B21
HPE 600GB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872477-B21
HPE 300GB SAS 12G Enterprise 15 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	870753-B21
HPE 300GB SAS 12G Enterprise 10 K SFF (2.5 in) SC 3-year warranty DS firmware HDD	872475-B21
Midline (MDL) - 6G SATA - Large Form Factor (LFF) drives	
HPE 18TB SATA 6G Business critical 7.2K LFF SC 1-year warranty 512e ISE HDD	P37673-B21

Description	Option Part Number
HPE 16TB SATA 6G Business critical 7.2K LFF (3.5 in) SC 1-year warranty 512e ISE HDD	P23857-B21
HPE 14TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	P09163-B21
HPE 12TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	881785-B21
HPE 10TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	857648-B21
HPE 8TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e DS firmware HDD	819203-B21
HPE 6TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	861750-B21
HPE 4TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872491-B21
HPE 2TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872489-B21
HPE 1TB SATA 6G MDL 7.2 K LFF (3.5 in) SC 1-year warranty HDD	861691-B21
MDL 6G SATA - SFF drives	
HPE 1TB SATA 6G MDL 7.2 K SFF (2.5 in) SC 1-year warranty DS firmware HDD	655710-B21
HPE 2TB SATA 6G MDL 7.2 K SFF (2.5 in) SC 1-year warranty 512e DS firmware HDD	765455-B21
MDL - 12G SAS - LFF drives	
HPE 14TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	P09153-B21
HPE 18TB SAS 12G Business Critical 7.2K LFF SC 1-year warranty 512e ISE HDD	P37664-B21
HPE 12TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty helium 512e DS firmware HDD	881779-B21
HPE 10TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	857644-B21
HPE 16TB SAS 12G Business critical 7.2K LFF (3.5 in) SC 1-year warranty 512e ISE HDD	P23863-B21
HPE 8TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	819201-B21
HPE 6TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty 512e HDD	861754-B21
HPE 4TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872487-B21
HPE 2TB SAS 12G MDL 7.2 K LFF (3.5 in) SC 1-year warranty DS firmware HDD	872485-B21

Description	Option Part Number
Enterprise-12G SAS -LFF Drives	
HPE 600GB SAS 12G Enterprise 15K LFF (3.5 in) SCC 3yr Wty DS Firmware HDD	P04695-B21
HPE 300GB SAS 12G Enterprise 15K LFF (3.5 in) SCC 3yr Wty DS Firmware HDD	P04693-B21
MDL - 12G SAS - SFF drives	
HPE 1TB SAS 12G MDL 7.2 K SFF (2.5 in) SC 1-year warranty HDD	832514-B21
HPE 2TB SAS 12G MDL 7.2 K SFF (2.5 in) SC 1-year warranty 512e HDD	765466-B21

Table 2. HPE Solid State Drives (SSD)

Description	Option Part Number
Read Intensive (RI) - 12G SAS - SFF - SSD	
HPE 15.3TB SAS 24G RI SFF SC PM6 SSD	P26314-B21
HPE 15.36TB SAS 12G RI SFF SC PM1643a SSD	P19911-B21
HPE 7.68TB SAS 12G RI SFF SC SS540 SSD	P21145-B21
HPE 7.68TB SAS 12G RI SFF SC PM1643a SSD	P19909-B21
HPE 7.68TB SAS 12G RI SFF SC PM5 SSD	P04523-B21
HPE 3.84TB SAS 24G RI SFF SC PM6 SSD	P26306-B21
HPE 3.84TB SAS 12G RI SFF SC SS540 SSD	P21143-B21
HPE 3.84TB SAS 12G RI SFF SC PM1643a SSD	P19907-B21
HPE 3.84TB SAS 12G RI SFF SC PM5 SSD	P04521-B21
HPE 1.92TB SAS 24G RI SFF SC PM6 SSD	P26302-B21
HPE 1.92TB SAS 12G RI SFF SC SS540 SSD	P21141-B21
HPE 1.92TB SAS 12G RI SFF SC PM1643a SSD	P19905-B21
HPE 1.92TB SAS 12G RI SFF SC PM5 SSD	P04519-B21
HPE 960GB SAS 24G RI SFF SC PM6 SSD	P26285-B21
HPE 960GB SAS 12G RI SFF SC SS540 SSD	P21139-B21
HPE 960GB SAS 12G RI SFF SC PM1643a SSD	P19903-B21
HPE 960GB SAS 12G RI SFF SC PM5 SSD	P04517-B21
Mixed Use (MU) -12G SAS - SFF - SSD	
HPE 6.4TB SAS 24G MU SFF SC PM6 SSD	P26362-B21
HPE 6.4TB SAS 12G MU SFF SC SS540 SSD	P21137-B21

Description	Option Part Number
HPE 6.4TB SAS 12G MU SFF SC PM1645a SSD	P19919-B21
HPE 6.4TB SAS 12G MU SFF (2.5 in) SC 3-year warranty DS firmware SSD	P09096-B21
HPE 3.2TB SAS 24G MU SFF SC PM6 SSD	P26358-B21
HPE 3.2TB SAS 12G MU SFF SC SS540 SSD	P21135-B21
HPE 3.2TB SAS 12G MU SFF (2.5 in) SC 3-year warranty DS firmware SSD	P09094-B21
HPE 1.6TB SAS 24G MU SFF SC PM6 SSD	P26354-B21
HPE 1.6TB SAS 12G MU SFF SC SS540 SSD	P21133-B21
HPE 1.6TB SAS 12G MU SFF SC PM1645a SSD	P19915-B21
HPE 960GB SAS 12G MU SFF SC value SAS RM5 SSD	P10448-B21
HPE 800GB SAS 24G MU SFF SC PM6 SSD	P26290-B21
HPE 800GB SAS 12G MU SFF SC SS540 SSD	P21131-B21
HPE 800GB SAS 12G MU SFF SC PM1645a SSD	P19913-B21
Write Intensive (WI) -12G SAS - SFF - SSD	
HPE 1.6TB SAS 24G WI SFF SC PM6 SSD	P26376-B21
HPE 1.6TB SAS 12G WI SFF SC SS540 SSD	P21129-B21
HPE 1.6TB SAS 12G WI SFF SC PM5 SSD	P04545-B21
HPE 800GB SAS 24G WI SFF SC PM6 SSD	P26372-B21
HPE 800GB SAS 12G WI SFF SC SS540 SSD	P21127-B21
HPE 800GB SAS 12G WI SFF SC PM5 SSD	P04543-B21
HPE 400GB SAS 24G WI SFF SC PM6 SSD	P26295-B21
HPE 400GB SAS 12G WI SFF SC SS540 SSD	P21125-B21
HPE 400GB SAS 12G WI SFF SC PM5 SSD	P04541-B21
RI - 12G Value SAS - SFF - SSD	
HPE 7.68TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P37003-B21
HPE 7.68TB SAS 12G RI SFFSC Value SAS RM5 SSD	P10446-B21
HPE 3.84TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P37001-B21
HPE 3.84TB SAS 12G RI SFF SC Value SAS RM5 SSD	P10444-B21
HPE 1.92TB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P36999-B21
HPE 1.92TB SAS 12G RI SFF SC Value SAS RM5 SSD	P10442-B21
HPE 960GB SAS 12G RI SFF SC Value SAS Multi Vendor SSD	P36997-B21

Description	Option Part Number
HPE 960GB SAS 12G RI SFF SC Value SAS RM5 SSD	P10440-B21
MU - 12G Value SAS - SFF - SSD	
HPE 3.84TB SAS 12G Mixed Use SFF SC Value SAS Multi Vendor SSD	P37017-B21
HPE 3.84TB SAS 12G MU SFF SC Value SAS RM5 SSD	P10460-B21
HPE 1.92TB SAS 12G Mixed Use SFF SC Value SAS Multi Vendor SSD	P37011-B21
HPE 1.92TB SAS 12G MU SFF SC Value SAS RM5 SSD	P10454-B21
HPE 960GB SAS 12G MU SFF SC Value SAS Multi Vendor SSD	P37005-B21
Very Read Optimized (VRO) - 6G SATA - SFF - SSD	
HPE 7.68TB SATA 6G VRO SFF SC 5210 SSD	P23493-B21
HPE 3.84TB SATA 6G VRO SFF SC 5210 SSD	P23489-B21
HPE 1.92TB SATA 6G VRO SFF SC 5210 SSD	P23487-B21
RI - 6G SATA - SFF - SSD	
HPE 7.68TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor	P18430-B21
HPE 7.68TB SATA 6G RI SFF SC 5300P SSD	P19945-B21
HPE 3.84TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18428-B21
HPE 3.84TB SATA 6G RI SFF SC PM883 SSD	P04570-B21
HPE 3.84TB SATA 6G RI SFF SC S4510 SSD	P05946-B21
HPE 3.84TB SATA 6G RI SFF SC 5300P SSD	P19943-B21
HPE 3.84TB SATA 6G RI SFF SC SE4011 SSD	P06200-B21
HPE 1.92TB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18426-B21
HPE 1.92TB SATA 6G RI SFF SC PM883 SSD	P04566-B21
HPE 1.92TB SATA 6G RI SFF SC S4510 SSD	P05938-B21
HPE 1.92TB SATA 6G RI SFF SC 5300P SSD	P19941-B21
HPE 1.92TB SATA 6G RI SFF SC SE4011 SSD	P06198-B21
HPE 960GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18424-B21
HPE 960GB SATA 6G RI SFF SC PM883 SSD	P04564-B21
HPE 960GB SATA 6G RI SFF SC S4510 SSD	P05932-B21
HPE 960GB SATA 6G RI SFF SC 5300P SSD	P19939-B21

Description	Option Part Number
HPE 960GB SATA 6G RI SFF SC SE4011 SSD	P06196-B21
HPE 480GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18422-B21
HPE 480GB SATA 6G RI SFF SC PM883 SSD	P04560-B21
HPE 480GB SATA 6G RI SFF SC S4510 SSD	P05928-B21
HPE 480GB SATA 6G RI SFF SC 5300P SSD	P19937-B21
HPE 480GB SATA 6G RI SFF SC SE4011 SSD	P06194-B21
HPE 240GB SATA 6G RI SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18420-B21
HPE 240GB SATA 6G RI SFF SC S4510 SSD	P05924-B21
HPE 240GB SATA 6G RI SFF SC PM883 SSD	P04556-B21
HPE 240GB SATA 6G RI SFF SC 5300P SSD	P19935-B21
MU - 6G SATA - SFF - SSD	
HPE 3.84TB SATA 6G MU SFF SC 5300M SSD	P19953-B21
HPE 3.84TB SATA 6G MU SFF SC S4610 SSD	P05994-B21
HPE 3.84TB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18438-B21
HPE 3.84TB SATA 6G MU SFF SC SM883 SSD	P21517-B21
HPE 3.84TB SATA 6G MU SFF RW SE5031 SSD	P13664-B21
HPE 1.92TB SATA 6G MU SFF SC 5300M SSD	P19951-B21
HPE 1.92TB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18436-B21
HPE 1.92TB SATA 6G MU SFF SC SM883 SSD	P09722-B21
HPE 1.92TB SATA 6G MU SFF SC S4610 SSD	P05986-B21
HPE 1.92TB SATA 6G MU SFF SC SE5031 SSD	P13662-B21
HPE960GB SATA 6G MU SFF SC 5300M SSD	P19949-B21
HPE 960GB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18434-B21
HPE 960GB SATA 6G MU SFF SC SM883 SSD	P09716-B21
HPE 960GB SATA 6G MU SFF SC S4610 SSD	P05980-B21
HPE 960GB SATA 6G MU SFF SC SE5031 SSD	P13660-B21
HPE 480GB SATA 6G MU SFF SC 5300M SSD	P19947-B21
HPE 480GB SATA 6G MU SFF (2.5 in) SC 3-year warranty multi-vendor SSD	P18432-B21

Description	Option Part Number
HPE 480GB SATA 6G MU SFF SC SM883 SSD	P09712-B21
HPE 480GB SATA 6G MU SFF SC S4610 SSD	P05976-B21
HPE 480GB SATA 6G MU SFF SC SE5031 SSD	P13658-B21
RI - PCIe/NVMe - SFF - SSD	
HPE 15.36TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22282-B21
HPE 7.68TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19821-B21
HPE 7.68TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22280-B21
HPE 7.68TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20143-B21
HPE 7.68TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3-year warranty DS firmware SSD	P07196-B21
HPE 4TB NVMe Gen3 High performance RI SFF SCN U.2 P4510 SSD	P13697-B21
HPE 3.84TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19817-B21
HPE 3.84TB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20019-B21
HPE 3.84TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22278-B21
HPE 3.84TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20141-B21
HPE 3.84TB NVMe Gen3 Mainstream performance RI SFF SCN U.2 PE6011 SSD	P13680-B21
HPE 3.84TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3-year warranty DS firmware SSD	P10212-B21
HPE 2TB NVMe Gen3 High performance RI SFF SCN U.2 P4510 SSD	P13695-B21
HPE 1.92TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19813-B21
HPE 1.92TB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20017-B21
HPE 1.92TB NVMe Gen4 Mainstream performance RI SFF SCN U.3 CD6 SSD	P20139-B21
HPE 1.92TB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22276-B21
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3-year warranty DS firmware SSD	P10214-B21
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3-year warranty DS firmware SSD	P10210-B21

Description	Option Part Number
HPE 1.92TB NVMe x4 Lanes RI SFF (2.5 in) SCN 3-year warranty DS firmware SSD	P07192-B21
HPE 960GB NVMe Gen4 Mainstream performance RI SFF SCN U.3 PE8010 SSD	P19809-B21
HPE 960GB NVMe Gen4 High performance RI SFF SCN U.3 PM1733 SSD	P22331-B21
HPE 960GB NVMe Gen4 High performance RI SFF SCN U.3 CM6 SSD	P20015-B21
HPE 960GB NVMe Gen3 Mainstream performance RI SFF SCN U.2 PE6011 SSD	P13676-B21
MU - PCIe/NVMe - SFF - SSD	
HPE 12.8TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22274-B21
HPE 6.4TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19837-B21
HPE 6.4TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20100-B21
HPE 6.4TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20207-B21
HPE 6.4TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22272-B21
HPE 6.4TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13674-B21
HPE 6.4TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13703-B21
HPE 3.2TB NVMe Gen4 Mainstream performance MU SFF SC U.3 PE8030 SSD	P19833-B21
HPE 3.2TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20098-B21
HPE 3.2TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20205-B21
HPE 3.2TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22270-B21
HPE 3.2TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13672-B21
HPE 3.2TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13701-B21
HPE 1.6TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19829-B21
HPE 1.6TB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20096-B21
HPE 1.6TB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P20203-B21

Description	Option Part Number
HPE 1.6TB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13670-B21
HPE 1.6TB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22268-B21
HPE 1.6TB NVMe Gen3 High performance MU SFF SCN U.2 P4610 SSD	P13699-B21
HPE 800GB NVMe Gen4 Mainstream performance MU SFF SCN U.3 PE8030 SSD	P19825-B21
HPE 800GB NVMe Gen4 High performance MU SFF SCN U.3 CM6 SSD	P20094-B21
HPE 800GB NVMe Gen4 Mainstream performance MU SFF SCN U.3 CD6 SSD	P25953-B21
HPE 800GB NVMe Gen3 Mainstream performance MU SFF SCN U.2 PE6031 SSD	P13668-B21
HPE 800GB NVMe Gen4 High performance MU SFF SCN U.3 PM1735 SSD	P22329-B21
HPE 800GB NVMe x4 Lanes Mixed Use SFF (2.5in) SCN 3-year warranty DS firmware SSD	P07179-B21
WI - PCIe/NVMe - SFF - SSD	
HPE 750GB NVMe Gen3 High performance low latency WI SFF SCN U.2 P4800X SSD	P06952-B21
HPE 375GB NVMe Gen3 High performance low latency WI SFF SCN U.2 P4800X SSD	878014-B21
RI - 6G SATA - M.2 UFF to SFF - SSD	
HPE Dual 480GB SATA 6G RI M.2 to SFF SCM 5300P SSD Kit	P19896-B21
HPE Dual 240GB SATA 6G RI M.2 to SFF SCM 5300B SSD Kit	P19894-B21
RI - 6GSATA - M.2 - Solid state media (2280 Type)	
HPE 960GB SATA 6G RI M.2 2280 5300P SSD	P19892-B21
HPE 480GB SATA 6G RI M.2 2280 5300P SSD	P19890-B21
HPE 240GB SATA 6G RI M.2 2280 5300B SSD	P19888-B21
MU - 12G Value SAS -LFF - SSD	
HPE 1.92TB SAS 12G Mixed Use LFF SCC Value SAS Multi Vendor SSD	P37013-B21
HPE 1.92TB SAS 12G MU LFF SCC Value SAS RM5 SSD	P10456-B21
HPE 800GB SAS 12G MU LFF SCC PM5 SSD	P04529-B21
MU - 6G SATA - LFF - SSD	
HPE 1.92TB SATA 6G MU LFF SCC SM883 SSD	P09724-B21

Description	Option Part Number
HPE 960GB SATA 6G MU LFF SCC SM883 SSD	P09718-B21
HPE 480GB SATA 6G MU LFF SCC 5300M SSD	P19978-B21
HPE 480GB SATA 6G MU LFF (3.5 in) SCC 3-year warranty DS firmware SSD	P07924-B21



NOTE:

- SCM dual drive functionality only supported on HPE DL360 Gen10 1SFF SAS/SATA Rear Backplane (867972-B21) or HPE DL360 Gen10 2SFF SATA UFF Backplane Kit (867970-B21). Installation on any other bay will only show one M.2 drive per bay.
- NVMe SSDs not supported on Xeon-Gold 6250L or Gold 6250 processor based configurations.

Internal - 6G SATA-Dual M.2 enabling kits

Description	Option Part Number
HPE Universal SATA 6G AIC HHH L M.2 SSD enablement kit ¹	878783-B21
HPE DL360 Gen10 SATA M.2 2280 Riser kit ²	867978-B21



NOTE:

1. The Universal SATA M.2 Kit above will require a PCIe slot and support up to two of the same M.2 media cards.
2. The DL360 SATA M.2 Riser Kit is part of the Primary Riser so it will not take up a PCIe slot and will support up to two of the same 2280 M.2 media cards

Hard drive blank kits

Description	Option Part Number
HPE LFF Hard drive blank kit	666986-B21
HPE SFF Hard drive blank kit	666987-B21

Networking

Description	Option Part Number
100 GbE Adapters	
HPE Ethernet 100Gb 1-port 842QSFP28 adapter	874253-B21

Description	Option Part Number
25 GbE Adapters	
HPE Ethernet 10/25Gb 2-port 640SFP28 adapter	817753-B21
HPE Ethernet 10/25Gb 2-port 631SFP28 adapter	817718-B21
HPE Ethernet 10/25Gb 2-port 621SFP28 adapter	867328-B21
10 GbE Adapters	
HPE Ethernet 10Gb 2-port 537SFP+ adapter	P08421-B21
HPE Ethernet 10Gb 2-port 562T adapter	817738-B21
HPE Ethernet 10Gb 2-port 562SFP+ adapter	727055-B21
HPE Ethernet 10Gb 2-port 548SFP+ adapter	P11338-B21
HPE Ethernet 10Gb 2-port 535T adapter	813661-B21
HPE Ethernet 10Gb 2-port 524SFP+ adapter	P08446-B21
HPE Ethernet 10Gb 2-port 530SFP adapter	652503-B21
HPE Ethernet 10Gb 2-port 530T adapter	656596-B21
HPE Ethernet 10Gb 2-port 521T adapter	867707-B21
1 GbE Adapters	
HPE Ethernet 1Gb 4-port 366T adapter	811546-B21
HPE Ethernet 1Gb 4-port 331T adapter	647594-B21
HPE Ethernet 1Gb 2-port 361T adapter	652497-B21
HPE Ethernet 1Gb 2-port 332T adapter	615732-B21
FlexibleLOM adapters	
HPE Ethernet 10/25Gb 2-port 640FLR-SFP28 adapter	817749-B21
HPE Ethernet 10/25Gb 2-port 631FLR-SFP28 adapter	817709-B21
HPE Ethernet 10/25Gb 2-port 622FLR-SFP28 converged network adapter	867334-B21
HPE Ethernet 10Gb 2-port 537FLR-SFP+ adapter	P08440-B21
HPE Ethernet 10Gb 2-port 562FLR-SFP+ adapter	727054-B21
HPE Ethernet 10Gb 2-port 562FLR-T adapter	817745-B21
HPE FlexFabric 10Gb 4-port 536FLR-T adapter	764302-B21
HPE Ethernet 10Gb 2-port 535FLR-T adapter	817721-B21
HPE FlexFabric 10Gb 2-port 534FLR-SFP+ adapter	700751-B21
HPE FlexFabric 10Gb 2-port 533FLR-T adapter	700759-B21

Description	Option Part Number
HPE Ethernet 1Gb 4-port 331FLR adapter	629135-B22
HPE Ethernet 1Gb 4-port 366FLR adapter	665240-B21
HPE InfiniBand	
HPE InfiniBand EDR/ethernet 100Gb 2-port 841QSFP28 adapter	872726-B21
HPE InfiniBand HDR/ethernet 200Gb 1-port 940QSFP56 Adapter	P06154-B21
HPE InfiniBand HDR PCIe3 auxiliary card with 350 mm cable kit	P06154-B23
HPE InfiniBand HDR100/Ethernet 100Gb 2-port 940QSFP56 adapter	P06251-B21
HPE InfiniBand HDR100/Ethernet 100Gb 1-port 940QSFP56 adapter	P06250-B21
HPE InfiniBand FDR/ethernet 10Gb/40Gb 2-port 544+QSFP adapter	764284-B21
HPE InfiniBand FDR/ethernet 40/50Gb 2-port 547FLR-QSFP adapter	879482-B21
HPE InfiniBand EDR 100Gb 1-port 841QSFP28 adapter	872725-B21
HPE InfiniBand EDR/ethernet 100Gb 2-port 840QSFP28 adapter	825111-B21
HPE 100Gb 1-port OP101 QSFP28 x 16 PCIe Gen3 with Intel Omni-Path architecture adapter	829335-B21

HPE Computation and graphics accelerators

Description	Option Part Number
Intel Arria 10 GX FPGA Accelerator for HPE	Q9B37C
NVIDIA Tesla T4 16GB Computational Accelerator for HPE	R0W29C ¹
NVIDIA Quadro RTX 4000 Graphics Accelerator for HPE	R1F95C ²
NVIDIA Quadro P2200 Graphics Accelerator for HPE	R2U55C ³
HPE DL360 Gen10 GPU CPU1 v2 Cable Kit	P23272-B21 ⁴



NOTE:

1. Requires High Performance Fan kit (871244-B21).
2. v2 GPU cable / enablement kit required.
3. If any of these accelerators is intended for slot 3 and configured with an AROC, the latter needs to have a low profile heatsink.
4. Replaces 871248-B21. Enhanced to support additional GPUs and compatible with all GPUs qualified on DL360 Gen10.

Embedded management

Description	Option Part Number
HPE iLO Advanced	
HPE iLO advanced including 1-year 24x7 technical support and updates 1-server LTU	512485-B21
HPE iLO advanced including 1-year 24x7 technical support and updates flexible quantity LTU	512486-B21
HPE iLO advanced including 1-year 24x7 technical support and updates tracking LTU	512487-B21
HPE iLO advanced including 3-year 24x7 technical support and updates 1-server LTU	BD505A
HPE iLO advanced including 3-year 24x7 technical support and updates flexible quantity LTU	BD506A
HPE iLO advanced including 3-year 24x7 technical support and updates tracking LTU	BD507A
HPE iLO advanced including 1-year 24x7 technical support and updates E-LTU	E6U59ABE
HPE iLO advanced including 3-year 24x7 technical support and updates E-LTU	E6U64ABE
HPE iLO Common password setting ¹	
HPE iLO Common password FIO setting	P08040-B21



NOTE:

1.
 - Replaces iLO default randomized password by an HPE defined common password. HPE highly recommends changing this password immediately after the initial onboarding process.
 - User who want to choose their own custom iLO default password should use the HPE Factory Express Integration Services.

Converged infrastructure management software

Description	Option Part Number
HPE OneView advanced (With HPE iLO advanced)	
HPE OneView including 3-year 24x7 support physical 1-server LTU	E5Y34A
HPE OneView for ProLiant DL server including 3-year 24x7 support FIO bundle physical 1-server LTU	E5Y43A
HPE OneView including 3-year 24x7 support flexible quantity E-LTU	E5Y35AAE
HPE OneView advanced (With HPE iLO advanced)	
HPE OneView without iLO including 3-year 24x7 support 1-server LTU	P8B24A
HPE OneView without iLO including 3-year 24x7 support track 1-server LTU	P8B25A
HPE OneView without iLO including 3-year 24x7 support flexible quantity E-LTU	P8B26AAE
HPE OneView without iLO including 3-year 24x7 support 1-server FIO LTU	P8B31A

PCIe Workload accelerator options

Description	Option Part Number
HPE 6.4TB NVMe Gen4 x8 High performance MU AIC Half-Height Half-Length (HHHL) PM1735 SSD	P26938-B21
HPE 6.4TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware card	P10268-B21
HPE 3.2TB NVMe Gen4 x8 High performance MU AICHHHL PM1735 SSD	P26936-B21
HPE 3.2TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware card	P10266-B21
HPE 1.6TB NVMe Gen4 x8 High performance MU AIC HHHL PM1735 SSD	P26934-B21
HPE 1.6TB NVMe x8 Lanes MU HHHL 3-year warranty DS firmware Card	P10264-B21
HPE 750GB NVMe Gen3 x4 High performance low latency WI AIC HHHL P4800X SSD	878038-B21

HPE Security



Description	Option Part Number
HPE Trusted Platform Module (TPM) 2.0 Gen10 option ¹	864279-B21
HPE Trusted supply chain FIO configuration	P36394-B21
HPE DL360 Gen10 Chassis intrusion detection kit ²	867984-B21
HPE 1U Gen10 Bezel kit	867998-B21
HPE Bezel lock kit	875519-B21
HPE Gen10 TPM 1.2 FIO Setting ³	872108-B21
HPE Legacy FIO Mode Setting ⁴	758959-B22



NOTE:

- HPE TPM 2.0 option works with Gen10 servers with UEFI Mode not Legacy Mode. It is not compatible with HPE ProLiant Gen8 servers or earlier generation variants.
 - HPE Server systems can have a TPM module (of any type) installed only once. It cannot be replaced with any other TPM module.
- This provides a physical connection from the chassis board and hood and detects any physical intrusion into the chassis, providing security during the entire supply chain process of shipping, receiving, distribution, and operation.
- This is a FIO setting to allows the TPM 2.0 module to operate in a TPM 1.2 mode.
- UEFI is the default, this FIO part can be used for CTO to enable Legacy mode.

HPE Boot controllers

Description	Option Part Number
HPE NS204i-p NVMe PCIe3 OS Boot device	P12965-B21

Storage controllers

Description	Option Part Number
HPE Flexible smart array controllers	
HPE Smart array P816i-a SR Gen10 (16 Internal lanes/4GB cache/Smartcache) 12G SAS modular controller	804338-B21
HPE Smart array P408i-a SR Gen10 (8 Internal lanes/2GB cache) 12G SAS modular controller	804331-B21
HPE Smart array P816i-a SR Gen10 (16 Internal lanes/4GB cache/Smartcache) 12G SAS modular Low Height (LH) controller	869083-B21
HPE Smart array P408i-a SR Gen10 (8 Internal lanes/2GB cache) 12G SAS modular LH controller	869081-B21
HPE Smart array E208i-a SR Gen10 (8 Internal lanes/No cache) 12G SAS modular LH controller	869079-B21
HPE Smart array E208i-a SR Gen10 (8 Internal lanes/No cache) 12G SAS modular controller ¹	804326-B21
HPE Smart array controllers	
HPE Smart array P824i-p MR Gen10 (24 Internal lanes/4GB cache/Cache Cade) 12G SAS PCIe controller ²	870658-B21
HPE Smart array P408e-p SR Gen10 (8 External lanes/4GB cache) 12G SAS PCIe Plug-In controller	804405-B21
HPE Smart array P408i-p SR Gen10 (8 Internal lanes/2GB cache) 12G SAS PCIe Plug-In controller ³	830824-B21
HPE Smart array E208e-p SR Gen10 (8 External lanes/no cache) 12G SAS PCIe Plug-In controller	804398-B21
HPE Smart array E208i-p SR Gen10 (8 Internal lanes/no cache) 12G SAS PCIe Plug-In controller ³	804394-B21
HPE 96 W smart storage battery (Up to 20 devices) with 145 mm cable kit ⁴	P01366-B21
HPE Smart storage hybrid capacitor with 145 mm cable kit ⁵	P02377-B21



NOTE:

1. The Low Height (LH) controller is required when a PCIe card that exceeds half-length is used in slots 2 or 3.
2. SFF only, not supported on LFF chassis. Not supported on slot 3.
3. Not supported on slot 3.
4. Supports up to 6 P-class Smart Array controllers.
5. Supports up to 3 P-class Smart Array controllers.

HPE Storage

Description	Option Part Number
Emulex Fibre Channel (FC) Host Bus Adapter (HBA)	
HPE StoreFabric SN1200E 16Gb single port FC HBA	Q0L13A
HPE StoreFabric SN1200E 16Gb dual port FC HBA	Q0L14A
HPE StoreFabric SN1600E 32Gb single port FC HBA	Q0L11A
HPE StoreFabric SN1600E 32Gb dual port FC HBA	Q0L12A
QLogic FC HBAs	
HPE StoreFabric SN1100Q 16Gb single port FC HBA	P9D93A
HPE StoreFabric SN1100Q 16Gb dual port FC HBA	P9D94A
HPE SN1610Q 32Gb 1-port FC HBA	R2E08A
HPE StoreFabric SN1600Q 32Gb single port FC HBA	P9M75A
HPE SN1610Q 32Gb 2-port FC HBA	R2E09A
HPE StoreFabric SN1600Q 32Gb dual port FC HBA	P9M76A
HPE SN1610E 32Gb 1-port FC HBA	R2J62A
HPE SN1610E 32Gb 2-port FC HBA	R2J63A
Converged Network Adapter (CNA)	
HPE StoreFabric CN1300R 10/25Gb dual port CNA	Q0F09A
HPE StoreFabric CN1200R 10GBASE-T CNA	Q0F26A

HPE Rack

Description	Option Part Number
Rail kits	
HPE 1U Gen10 SFF easy install rail kit	874543-B21
HP 1U LFF Gen9 easy install rail kit	789388-B21
HPE 1U Cable management arm for rail kit 1	734811-B21
HPE 1U Gen10 SFF Ball bearing rail kit	872252-B21
HPE 1U Gen10 LFF Ball bearing rail kit 2	879003-B21



NOTE:

1. Supports both the easy install and ball bearing rail kits.
2. HPE rail kits contain telescoping rails which allow for In-Rack serviceability, HPE recommends that a minimum of 2 people are required for all rack server installations.

USB and SD options

Description	Option Part Number
HPE Enterprise mainstream flash media kits for memory cards	
HPE 32GB microSD RAID 1 USB Boot drive	P21868-B21
HPE 32GB microSD Flash memory card	700139-B21
HPE 8GB microSD Flash memory card	726116-B21
HPE 8GB microSD Flash USB drive	737953-B21
HPE 8GB Dual microSD flash USB drive	741279-B21

HPE Support services

Description	Option Part Number
Installation and start-up services	
HPE Install ProLiant DL3xx service	U4506E
HPE Installation and startup DL3xx service	U4507E
Proactive care	
HPE 3-year Proactive care 24x7 DL360 Gen10 service	H8QF3E
HPE 3-year Proactive care 24x7 with DMR DL360 Gen10 service	H8QF4E
HPE 3-year Proactive care 24x7 with CDMR DL360 Gen10 service	H8QF5E
HPE 3-year Proactive care call-to-repair DL360 Gen10 service	H8QG2E
HPE 3-year Proactive care call-to-repair 24x7 with DMR DL360 Gen10 service	H8QG3E
HPE 3-year Proactive care call-to-repair with CDMR DL360 Gen10 service	H8QG4E

Unique options



Description	Option Part Number
Risers	
HPE DL360 Gen10 low profile riser kit	867982-B21
HPE DL360 Gen10 SATA M.2 2280 riser kit	867978-B21
HPE DL360 Gen10 2P FHFL GPU v2 enablement kit	P23271-B21
Performance cooling	
HPE DL360 Gen10 High performance heat sink kit	871246-B21
HPE DL360 Gen10 High performance fan kit	871244-B21
Universal media bay	
HPE DL360 Gen10 2SFF SAS/SATA backplane kit ¹	867966-B21
HPE DL360 Gen10 2SFF NVMe backplane kit ¹	871242-B21
HPE DL360 Gen10 2SFF SATA UFF backplane kit ¹	867970-B21
HPE DL360 Gen10 8SFF display port/USB/Optical drive blank kit ²	868000-B21
HPE DL360 Gen10 LFF display port and USB kit	868004-B21
Optical drive	
HPE Mobile USB DVD-RW optical drive ³	701498-B21
HPE 9.5-mm SATA DVD-ROM Optical drive	726536-B21
HPE 9.5-mm SATA DVD-RW Optical drive	726537-B21
System insight display	
HPE DL360 Gen10 LFF System insight display power module kit	867994-B21
HPE DL360 Gen10 SFF System insight display power module kit	867996-B21
Rear drive option kit	
HPE DL360 Gen10 1SFF rear SAS/SATA/UFF backplane kit	867972-B21
10 NVMe chassis upgrade kit	
HPE DL360 Gen10 10SFF premium backplane kit ⁴	867974-B21



NOTE:

1. Not supported on Xeon-Gold 6250L or Gold 6250 processor based configurations.
2. This kit is required for Optical Drive option (8SFF model only).
3. This kit is supported on USB 3.0 ports only.
4. This kit is supported on the 8SFF model only.

Description	Option Part Number
HPE DL360 Gen10 SFF internal cable kit	867990-B21
HPE DL3XX Gen10 Rear serial cable and enablement kit	873770-B21



NOTE:

[Click here to access HPE ProLiant Gen10 Cabling Matrix for additional details.](#)

HPE Smart IO

Description	Option Part Number
Pensando Distributed Services Card (DSC)	
Pensando Distributed Services Platform (DSP) DSC-25 10/25Gb 2-port SFP28 card	P26966-B21
Pensando DSP for HPE iLO sideband management adaptive LOM module	P26969-B21
Pensando DSP silver software licenses	
Pensando DSP silver 1-year subscription 24x7 support E-RTU	R6A06AAE
Pensando DSP silver 3-year subscription 24x7 support E-RTU	R6A07AAE
Pensando DSP silver 4-year subscription 24x7 support E-RTU	R6F68AAE
Pensando DSP silver 5-year subscription 24x7 support E-RTU	R6A08AAE
Pensando DSP platinum software licenses	
Pensando DSP platinum 1-year renewal subscription 24x7 support E-RTU	R6A09AAE
Pensando DSP platinum 3-year subscription 24x7 support E-RTU	R6A10AAE
Pensando DSP platinum 4-year subscription 24x7 support E-RTU	R6F69AAE
Pensando DSP platinum 5-year subscription 24x7 support E-RTU	R6A11AAE



NOTE:

DSC Must be installed in slot 1 when used in combination with ALOM Module for iLO Management.

Each card instance requires one RTU license of Silver or Platinum software. In case of more than one adapter, RTU licenses doesn't need to be of the same part number.

Software Compatibility

OS Compatibility

Feature	Description
OS	2nd Generation Intel Xeon Scalable Processor Family - Windows server 2019: Essentials, Standard, Datacenter - Windows server 2016: Essentials, Standard, Datacenter - Windows server 2012 R2: Essentials, Standard, Datacenter - Microsoft Hyper-V server: 2012 R2, 2016 and 2019 - VMware vSphere: 6.0 U3, 6.5 U2 through U.3 & 6.7 U1 through U3, 7.0¹ - ClearOS: 7.6, ClearVM: 2.0 - Red Hat Enterprise Linux (RHEL): 7.6 w/ Kbase, 8.0² - SUSE Linux Enterprise Server (SLES): 12 SP3, 15 (Includes Xen)³ - Ubuntu: 18.04 LTS (4.15.0) - Oracle Linux: Oracle Linux 7.6 UEK Release 5 Update 2; Oracle VM 3.4.6 (UEK Release 4 Update 7) - Citrix: Hypervisor: 8.0, 8.1, 8.2; XenServer 7.1, 7.4, 7.5, 7.6 1st Generation Intel Xeon Scalable Processor Family - Windows server 2019: Essentials, Standard, Datacenter - Windows server 2016: Essentials, Standard, Datacenter - Windows server 2012 R2: Essentials, Standard, Datacenter - Microsoft Hyper-V server: 2012 R2, 2016 and 2019 - VMware vSphere: 6.0 U3, 6.5 through U.3 & 6.7 through U3, 7.0 - ClearOS: 7.6; ClearVM: 2.0 - Red Hat Enterprise Linux (RHEL): 6.9 & 7.3² - SUSE Linux Enterprise Server (SLES): 11 SP4, 12 SP2 & 15 (includes Xen)² - Ubuntu: 16.04.3 HWE (4.10), 18.04 LTS (4.15.0) - Oracle Linux: Oracle Linux/UEK 6.9, 7.4; Oracle VM 3.4.4 - Citrix: Hypervisor: 8.0, 8.1, 8.2; XenServer 7.1, 7.4, 7.5, 7.6 - ClearOS - CentOS



NOTE:

- 6.5 U3, 6.7 U3 & 7.0 minimums for Xeon “R”, Gold 6256, Gold 6250L & Gold 6250 processors.
- 64-bit only; includes KVM
- SLES12 SP4 is the minimum for servers featuring Intel Optane DC Persistent Memory.

[Click here to view the Server Operating Systems and Virtualization Software for more information .](#)