

HPE ProLiant DL380 Gen10 Plus Network Choice

Server - rack-mountable - 2U - 2-way - 1 x Xeon Silver 4310 / 2.1 GHz - RAM 32 GB - SATA/SAS/NVMe - hot-swap 2.5" bay(s) - no HDD - 10 GigE - no OS - monitor: none



Group	Servers
Manufacturer	HPE
Manufacturer item no.	P55246-B21
EAN/UPC	0190017604763

Description

Do your servers need increased performance in storage, compute, or expansion? The HPE ProLiant DL380 Gen10 Plus server is adaptable for diverse workloads and environments, providing you with the right balance of expandability and scalability. Designed for supreme versatility and resiliency, this 2U/2P platform is capable for deployment in multiple environments, built with a quality processor. Equipped with PCIe capabilities, the HPE ProLiant DL380 Gen10 Plus server offers improved data transfer rates and higher networking speeds.

Main features

Product Description	HPE ProLiant DL380 Gen10 Plus Network Choice - rack-mountable - Xeon Silver 4310 2.1 GHz - 32 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Worldwide
Server Scalability	2-way
Processor	1 x Intel Xeon Silver 4310 / 2.1 GHz (3.3 GHz) (12-core)
Cache Memory	18 MB
Cache Per Processor	18 MB
RAM	32 GB (installed) / 2 TB (max) - DDR4 SDRAM
Server Storage Bays	Hot-swap 2.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Video Memory	16 MB
Networking	10 GigE
Power	(50/60 Hz)
Power Redundancy	Optional
OS Provided	No operating system
Dimensions (WxDxH)	44.54 cm x 71 cm x 8.75 cm

Extended details

General	
Type	Server
Product Form Factor	Rack-mountable - 2U
Server Scalability	2-way
Hot-Swap Bays Qty	8
Localisation	Region: Worldwide
Processor / Chipset	
CPU	Intel Xeon Silver 4310
Clock Speed	2.1 GHz
Max Turbo Speed	3.3 GHz
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Chipset Type	Intel C621A
Cache Memory	
Installed Size	18 MB
Cache Per Processor	18 MB
RAM	
Installed Size	32 GB / 2 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	2933 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	32 (Total) / 31 (empty)
Features	Registered, 8-channel memory architecture, HPE SmartMemory, slots 17 - 32 are available in two-processor configuration only
Configuration Features	1 x 32 GB
RAM Supported	8 TB Load-Reduced 2 TB registered 8 TB - HPE Persistent Memory - Optane DC Persistent
Hard Drive	
Type	No HDD
Storage Controller	
Type	1
Buffer Size	4 GB
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
Graphics Controller	

Video Memory	16 MB
Video Interfaces	VGA
Networking	
Interface (Bus) Type	Open Compute Project mezzanine (OCP) 3.0
Ethernet Ports	2 x 10 Gigabit Ethernet
Ethernet Controller	Broadcom BCM57412
Data Link Protocol	10 Gigabit Ethernet
Remote Management Controller	Integrated Lights-Out 5
Expansion / Connectivity	
Bays	8 (total) / 8 (free) x hot-swap 2.5" SFF
Slots	1 (total) / 1 (free) x PCIe 4.0 x16 - full-length, full-height 1 (total) / 1 (free) x PCIe 4.0 x16 - half-length, full-height (x8 mode) 1 (total) / 1 (free) x PCIe 4.0 x16 - full-length, full-height (x8 mode)
Interfaces	1 x HPE iLO - RJ-45 3 x USB 3.0 (1 front, 2 rear) 1 x HPE iLO (service port) 2 x LAN (10Gigabit Ethernet) - SFP+ 1 x VGA
Miscellaneous	
Included Accessories	HPE Easy Install Rails with CMA, 6 maximum performance fans, CPU high performance heatsink
Compliant Standards	AES, FIPS 140-2, WEEE, Triple DES, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, Redfish API, UEFI, ACPI 6.3, SMBIOS 3.2
Power	
Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	800 Watt
Operating System / Software	
OS Provided	No operating system
Manufacturer Warranty	
Service & Support	Limited warranty - parts and labour - 3 years - on-site - response time: next business day
Dimensions & Weight	
Width	44.54 cm
Depth	71 cm
Height	8.75 cm
Environmental Parameters	
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 90% (non-condensing)

