



HPE ProLiant DL560 Gen10 Entry

Server - rack-mountable - 2U - 4-way - 2 x Xeon Gold 6230 / 2.1 GHz - RAM 128 GB - SAS - hot-swap 2.5" bay(s) - no HDD - GigE - 10 GigE - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P02873-B21
EAN/UPC	0190017272450

Description

The HPE ProLiant DL560 Gen10 Server is a high-density, four-socket (4S) server with high performance, scalability and reliability, all in a 2U chassis. Supporting the latest Intel Xeon Scalable processors, the HPE ProLiant DL560 Gen10 Server offers greater processing power, up to 3 TB of faster memory, IO of up to eight PCIe 3.0 slots, plus the intelligence and simplicity of automated management with HPE OneView and HPE iLO 5.

The HPE ProLiant DL560 Gen10 Server is the ideal server for business critical workloads, virtualization, server consolidation, database, business processing, and general 4P data-intensive applications where data center space and the right performance are paramount.

Main features

Product Description	HPE ProLiant DL560 Gen10 Entry - rack-mountable - Xeon Gold 6230 2.1 GHz - 128 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Worldwide
Server Scalability	4-way
Processor	2 x Intel Xeon Gold 6230 / 2.1 GHz (3.9 GHz) (20-core)
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Cache Memory	55 MB L3 Cache
Cache Per Processor	27.5 MB
RAM	128 GB (installed) / 1.5 TB (max) - DDR4 SDRAM
Storage Controller	RAID (SATA 6Gb/s / SAS 12Gb/s) (HPE Smart Array P408i-a)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Networking	GigE, 10 GigE
Power	AC 230V (50/60 Hz)
Power Redundancy	Yes



Dimensions (WxDxH)	44.54 cm x 75.47 cm x 8.75 cm
Weight	18.45 kg

Extended details

General

Type	Server
Product Form Factor	Rack-mountable - 2U
Server Scalability	4-way
Front Accessible Bays Qty	1
Hot-Swap Bays Qty	8
Localisation	Region: Worldwide

Processor / Chipset

CPU	Intel Xeon Gold 6230
Clock Speed	2.1 GHz
Max Turbo Speed	3.9 GHz
Number of Cores	20-core
CPU Qty	2
Max CPU Qty	4
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Chipset Type	Intel C621

Cache Memory

Installed Size	L3 Cache - 55 MB
Cache Per Processor	27.5 MB

RAM

Installed Size	128 GB / 1.5 TB (max)
Technology	DDR4 SDRAM
Effective Memory Speed	2666 MHz
Rated Memory Speed	2933 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 20 (empty)
Features	Registered, HP SmartMemory, 6-channel memory architecture, slots 25 - 48 are available in four-processor configuration only
Configuration Features	4 x 32 GB
RAM Supported	3 TB registered 3 TB Load-Reduced

Hard Drive

Type	No HDD
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Storage Controller

Type	1 x RAID
Controller Interface Type	SATA 6Gb/s / SAS 12Gb/s
Storage Controller Name	HPE Smart Array P408i-a
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, RAID 1 ADM, RAID



	10 ADM
Buffer Size	2 GB
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
Graphics Controller	
Video Interfaces	VGA
Networking	
Ethernet Ports	2 x 10 Gigabit Ethernet
Ethernet Controller	HPE 533FLR-T
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Features	Wake on LAN (WoL), PXE support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Expansion / Connectivity	
Bays	1 (total) / 1 (free) x external 8 (total) / 8 (free) x hot-swap 2.5" SFF
Slots	1 (total) / 1 (free) x PCIe 3.0 x16 - three-quarter-length, full-height 2 (total) / 2 (free) x PCIe 3.0 x8 - three-quarter-length, full-height 2 (total) / 2 (free) x M.2 Card 1 (total) / 1 (free) x microSD Card (internal)
Interfaces	1 x VGA 1 x serial 2 x LAN (Gigabit Ethernet) 1 x HPE iLO - RJ-45 1 x HPE iLO (1 in front) 2 x USB 2.0 5 x USB 3.0 (1 front, 2 rear, 2 internal)
Miscellaneous	
Included Accessories	HPE Easy Install Rails, cable management assembly, 6 x redundant hot plug fans
Compliant Standards	WEEE, ACPI 6.1
Power	
Device Type	Power supply - hot-plug
Power Redundancy	Yes
Installed Qty	2
Max Supported Qty	2
Voltage Required	AC 230V (50/60 Hz)
Power Provided	1600 Watt
Operating System / Software	
OS Certified	SUSE Linux Enterprise Server, Microsoft Windows Server, Red Hat Enterprise Linux
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	75.47 cm
Height	8.75 cm
Weight	18.45 kg
Environmental Parameters	
Min Operating Temperature	10 °C



Max Operating Temperature	35 °C
Humidity Range Operating	8 - 90% (non-condensing)

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