

HPE ProLiant DL385 Gen10 Plus

Server - rack-mountable - 2U - 2-way - 2 x EPYC 7402 / 2.8 GHz - RAM 32 GB - SAS - hot-swap 2.5" bay(s) - no HDD - GigE - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P07598-B21
EAN/UPC	0190017304328



Description

Building on HPE ProLiant as the intelligent foundation for hybrid cloud, the HPE ProLiant DL385 Gen10 Plus server offers a powerful processor. With 32 DIMMs for memory up to 3200 MHz, the HPE ProLiant DL385 Gen10 Plus server delivers low cost virtual machines (VMs) with unprecedented security. Equipped with PCIe Gen4 capabilities, HPE ProLiant DL385 Gen10 Plus offers improved data transfer rates and higher networking speeds. Combined with a better balance of processor cores, memory and I/O, HPE ProLiant DL385 Gen10 Plus is an ideal choice for virtualization, and memory-intensive and HPC workloads.

Main features

Product Description	HPE ProLiant DL385 Gen10 Plus - rack-mountable - EPYC 7402 2.8 GHz - 32 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Worldwide
Server Scalability	2-way
Processor	2 x AMD EPYC 7402 / 2.8 GHz (3.35 GHz) (24-core)
Cache Memory	256 MB L3 Cache
Cache Per Processor	128 MB
RAM	32 GB (installed) / 1 TB (max) - DDR4 SDRAM - ECC
Storage Controller	RAID (SATA 6Gb/s / SAS 12Gb/s) - PCIe 3.0 x8 (HPE Smart Array P408i-a SR Gen10)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Card Reader	Yes
Video Memory	16 MB
Networking	GigE

Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Optional
Software Included	HPE Server UEFI, HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download)
Dimensions (WxDxH)	44.55 cm x 67.94 cm x 8.73 cm
Weight	14.9 kg
Environmental Standards	ENERGY STAR Qualified

Extended details

	General
Type	Server
Product Form Factor	Rack-mountable - 2U
Built-in Devices	Led panel
Server Scalability	2-way
Hot-Swap Bays Qty	8
Localisation	Region: Worldwide
	Processor / Chipset
CPU	AMD EPYC 7402
Clock Speed	2.8 GHz
Max Turbo Speed	3.35 GHz
Number of Cores	24-core
CPU Qty	2
Max CPU Qty	2
CPU Upgradability	Upgradable
	Cache Memory
Installed Size	L3 Cache - 256 MB
Cache Per Processor	128 MB
	RAM
Installed Size	32 GB / 1 TB (max)
Technology	DDR4 SDRAM - ECC
Effective Memory Speed	2666 MHz
Rated Memory Speed	2666 MHz
Form Factor	DIMM 288-pin
Slots	32 (Total) / 30 (empty)
Features	Registered, HPE SmartMemory

Configuration Features	2 x 16 GB
RAM Supported	PC4-20800 - 1 TB registered PC4-20800 - 4 TB Load-Reduced
	Hard Drive
Type	No HDD
	Storage Controller
Type	1 x RAID - PCIe 3.0 x8
Controller Interface Type	SATA 6Gb/s / SAS 12Gb/s
Storage Controller Name	HPE Smart Array P408i-a SR Gen10
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, 1ADM, 10ADM
Buffer Size	2 GB
	Optical Storage
Type	No optical drive
	Card Reader
Type	Card reader
Supported Flash Memory Cards	microSD
	Monitor
Monitor Type	None.
	Graphics Controller
Video Memory	16 MB
Video Interfaces	VGA
	Networking
Interface (Bus) Type	PCI Express 2.0 x4
Ethernet Ports	4 x Gigabit Ethernet, 2 x 25 Gigabit Ethernet
Ethernet Controller	HPE 331i, HPE 631FLR
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0, SMASH CLP
Remote Management Controller	Integrated Lights-Out 5
Features	Wake on LAN (WoL), ACPI support, PXE support
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1as, IEEE 802.3az
	Expansion / Connectivity
Bays	1 (total) / 1 (free) x external 16 (total) / 16 (free) x hot-swap NVMe

Slots	1 (total) / 0 (free) x FlexibleLOM 2 (total) / 2 (free) x PCIe 3.0 x16 - half-length, full-height 4 (total) / 4 (free) x PCIe 3.0 x8 - half-length, full-height 1 (total) / 1 (free) x microSD Card (internal)
Interfaces	1 x HPE iLO - Type A (1 in front) 5 x USB 3.0 (1 front, 2 rear, 2 internal) 4 x LAN (Gigabit Ethernet) - RJ-45 (4 rear) 2 x LAN (25Gigabit Ethernet) (SFP28) 1 x HPE iLO - RJ-45 (1 rear) 1 x VGA (1 rear)
Miscellaneous	
Included Accessories	Cable management arm, HPE Easy Install Rails, 6 performance fans
Compliant Standards	AES, FIPS 140-2, IPv6 Ready, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, WEEE 2002/95/EC, ACPI 6.1
Power	
Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	2
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	800 Watt
80 PLUS Certification	80 PLUS Platinum
Efficiency	94%
Operating System / Software	
Software	HPE Server UEFI, HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download)
Environmental Standards	
ENERGY STAR Certified	Yes
ENERGY STAR Version	2.1
Manufacturer Warranty	
Service & Support	Limited warranty - parts and labour - 3 years - on-site - response time: next business day
Dimensions & Weight	
Width	44.55 cm
Depth	67.94 cm
Height	8.73 cm
Weight	14.9 kg
Environmental Parameters	
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C

Humidity Range Operating	8 - 90% (non-condensing)
Sound Emission	31 dBA

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