

HPE ProLiant DL380 Gen10 SMB Networking Choice

Server - rack-mountable - 2U - 2-way - 1 x Xeon Gold 6242 / 2.8 GHz - RAM 32 GB - SATA/SAS - hot-swap 2.5" bay(s) - no HDD - 10 GigE - 25 Gigabit LAN - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P20245-B21
EAN/UPC	0190017389936



Description

The HPE ProLiant DL380 Gen10 server delivers better security, performance and expandability. The HPE ProLiant DL380 Gen10 server is securely designed to reduce costs and complexity. Run everything from the most basic to mission-critical applications and deploy with confidence.

Main features

Product Description	HPE ProLiant DL380 Gen10 SMB Networking Choice - rack-mountable - Xeon Gold 6242 2.8 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 Gold 6242 / 2.8 GHz (3.9 GHz) (16-core)
Processor Socket	FCLGA3647 Socket
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Cache Memory	22 MB L3 Cache
Cache Per Processor	22 MB
RAM	32 GB (installed) / 1.5 TB (max) - DDR4 SDRAM - Advanced ECC
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
Card Reader	Yes
Video Memory	16 MB
Networking	10 GigE, 25 Gigabit LAN

Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Optional
Software Included	HPE Server UEFI
Dimensions (WxDxH)	44.55 cm x 73.03 cm x 8.74 cm
Weight	14.76 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	Intel Xeon Gold 6242
Clock Speed	2.8 GHz
Max Turbo Speed	3.9 GHz
Number of Cores	16-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
CPU Socket	FCLGA3647 Socket
Chipset Type	Intel C621
	Cache Memory
Installed Size	L3 Cache - 22 MB
Cache Per Processor	22 MB
	RAM
Installed Size	32 GB / 1.5 TB (max)
Technology	DDR4 SDRAM - Advanced ECC
Effective Memory Speed	2933 MHz
Rated Memory Speed	2933 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 23 (empty)

Features	Registered, slots 13 - 24 are available in two-processor configuration only, HPE SmartMemory
Configuration Features	1 x 32 GB
RAM Supported	3 TB Load-Reduced - ECC 1.5 TB registered - ECC 192 GB Non-Volatile - ECC
	Hard Drive
Type	No HDD
	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
	Card Reader
Type	Card reader
Supported Flash Memory Cards	microSD
	Monitor
Monitor Type	None.
	Graphics Controller
Video Memory	16 MB
Video Interfaces	VGA
	Networking
Ethernet Ports	2 x 10/25 Gigabit Ethernet SFP28
Ethernet Controller	HPE 640FLR
Data Link Protocol	10 Gigabit Ethernet, 25 Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0, SMASH CLP
Remote Management Controller	Integrated Lights-Out 5
Features	Wake on LAN (WoL), PXE support
	Expansion / Connectivity
Bays	8 (total) / 8 (free) x hot-swap 2.5" SFF
Slots	1 (total) / 1 (free) x FlexibleLOM 1 (total) / 1 (free) x PCIe 3.0 x16 - half-length, full-height 2 (total) / 2 (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) 1 x HPE iLO - RJ-45 2 x LAN (10/25 Gigabit Ethernet) (SFP28) 1 x VGA

	Miscellaneous
Included Accessories	Cable management arm, 4 standard fans, SFF Easy install rails
Compliant Standards	AES, 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	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	800 Watt
	Operating System / Software
OS Certified	CentOS, Microsoft Windows Server 2012 R2, VMware vSphere 6.0 (ESXi), SuSE Linux Enterprise Server 11 SP4, Microsoft Windows Server 2016, Red Hat Enterprise Linux 7.3, Red Hat Enterprise Linux 6.9, VMware vSphere 6.5, SuSE Linux Enterprise Server 12 SP2, ClearOS
Software	HPE Server UEFI
	Environmental Standards
ENERGY STAR Certified	Yes
ENERGY STAR Version	3.0
	Manufacturer Warranty
Service & Support	Limited warranty - parts and labour - 3 years - on-site
	Dimensions & Weight
Width	44.55 cm
Depth	73.03 cm
Height	8.74 cm
Weight	14.76 kg
	Environmental Parameters
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 90% (non-condensing)

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