HPE ProLiant DL380 Gen10 Network Choice

Server - rack-mountable - 2U - 2-way - 1 x Xeon Silver 4208 / 2.1 GHz - RAM 32 GB - SATA/SAS - hot-swap 3.5" bay(s) - no HDD - GigE - monitor: none - BTO

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P20172-B21
EAN/UPC	4549821313846

Description

The HPE ProLiant DL380 Gen10 server delivers more in security, performance and expandability. The HPE ProLiant DL380 Gen10 server is securely designed to reduce costs and complexity. HPE memory offers unprecedented levels of performance for databases and analytic workloads. Run everything from basic to mission-critical applications and deploy with confidence.

Main features

Product Description	HPE ProLiant DL380 Gen10 Network Choice - rack-mountable - Xeon Silver 4208 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 4208 / 2.1 GHz (3.2 GHz) (8-core)
Processor Socket	FCLGA3647 Socket
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Cache Memory	11 MB L3 Cache
Cache Per Processor	11 MB
RAM	32 GB (installed) / 1.5 TB (max) - DDR4 SDRAM - Advanced ECC
Storage Controller	RAID (SATA 6Gb/s / SAS 12Gb/s) - PCIe 3.0 x8 (HPE Smart Array P816i-a)
Server Storage Bays	Hot-swap 3.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Video Memory	16 MB
Networking	GigE
Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Yes
Dimensions (WxDxH)	44.55 cm x 73.03 cm x 8.74 cm
Weight	14.76 kg

Pricing Type	BTO

Environmental Standards	ENERGY STAR Qualified

Extended details

	General
Type	Server
Product Form Factor	Rack-mountable - 2U
Built-in Devices	Battery
Server Scalability	2-way
Hot-Swap Bays Qty	12
Localisation	Region: Worldwide
	Processor / Chipset
CPU	Intel Xeon Silver 4208 / 2.1 GHz
Max Turbo Speed	3.2 GHz
Number of Cores	8-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 - 11 MB
Cache Per Processor	11 MB
	RAM
Installed Size	32 GB / 1.5 TB (max)
Technology	DDR4 SDRAM - Advanced ECC
Effective Memory Speed	2400 MHz
Rated Memory Speed	2933 MHz
Form Factor	DIMM 288-pin
Slots	24 (Total) / 23 (empty)
Features	Registered, dual rank, slots 13 - 24 are available in two-processor configuration only, HPE SmartMemory, 6-channel memory architecture
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 - PCIe 3.0 x8
Controller Interface Type	SATA 6Gb/s / SAS 12Gb/s
Storage Controller Name	HPE Smart Array P816i-a
Channel Qty	16
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60, RAID 1 ADM, RAID

	10 ADM
Buffer Size	4 GB
	Optical Storage
Type	No optical drive
	Monitor
Monitor Type	None.
	Graphics Controller
Video Memory	16 MB
Video Interfaces	VGA
	Networking
Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	HPE 366FLR
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP
Remote Management Controller	Integrated Lights-Out 5
Features	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	12 (total) / 12 (free) x hot-swap 3.5" LFF
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	4 x LAN (Gigabit Ethernet) - RJ-45 ¦ 1 x HPE iLO - RJ-45 ¦ 1 x VGA ¦ 1 x HPE iLO - Type A (1 in front) ¦ 5 x USB 3.0 (1 front, 2 rear, 2 internal)
	Miscellaneous
Included Accessories	Cable management arm, 6 hot plug high performance fans
Compliant Standards	AES, FIPS 140-2, IPv6 Ready, PCI DSS, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, WEEE 2002/95/EC, ACPI 6.1
Pricing Type	BTO
	Power
Device Type	Power supply - hot-plug
Power Redundancy	Yes
Power Redundancy Scheme	1+1
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
	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 - response time: next business day
	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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