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HPE ProLiant DL380 Gen10 - Server

rack-mountable - 2U - 2-way - 1 x Xeon Silver 4210 / 2.2 GHz - RAM 32 GB - SATA - hot-swap 2.5" bay(s) - no HDD - GigE - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P20174-B21
EAN/UPC	4549821313860

Description

The HPE ProLiant DL380 Gen10 server delivers great security, performance and expandability. It's securely designed to reduce costs and complexity.

Main features

Product Description	HPE ProLiant DL380 Gen10 - rack-mountable - Xeon Silver 4210 2.2 GHz - 32 GB - no HDD
Type	Server - rack-mountable
Height (Rack Units)	2U
Server Scalability	2-way
Processor	1 x Intel Xeon Silver 4210 / 2.2 GHz (3.2 GHz) (10-core)
Processor Socket	FCLGA3647 Socket
Processor Main Features	Hyper-Threading Technology, Intel Turbo Boost Technology 2
Cache Memory	13.75 MB L3 Cache
Cache Per Processor	13.75 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
Networking	GigE
Power	AC 120/230 V (50/60 Hz)
Power Redundancy	Optional
Dimensions (WxDxH)	44.55 cm x 73.03 cm x 8.74 cm
Weight	14.76 kg

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
	Processor / Chipset
CPU	Intel Xeon Silver 4210 / 2.2 GHz
Max Turbo Speed	3.2 GHz
Number of Cores	10-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 - 13.75 MB
Cache Per Processor	13.75 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
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.
	Networking
Ethernet Ports	4 x Gigabit Ethernet
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), 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 (1 rear) ¦ 4 x LAN (Gigabit Ethernet) - RJ-45 (4 rear) ¦ 1 x VGA (1 rear)
	Miscellaneous
Included Accessories	4 standard fans
Cables Included	Power cable
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	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	500 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
	Manufacturer Warranty
Service & Support	Limited warranty - parts and labour - 3 years - on-site - response time: next business day ¦ Technical support - software application support - 90 days
	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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