

HPE ProLiant DL20 Gen10 Plus - rack-mountable - Xeon E-2314 2.8 GHz - 16 GB - no HDD



04-06-2024

SKU	P66395-421
Product Description:	HPE ProLiant DL20 Gen10 Plus - rack-mountable - Xeon E-2314 2.8 GHz - 16 GB - no HDD
Type:	Server - rack-mountable
Height (Rack Units):	1U
Server Scalability:	1-way
Processor:	1 x Intel Xeon E-2314 / 2.8 GHz (, up to 4.5 GHz, (Quad-Core)
Cache Memory:	8 MB L3 Cache
Cache Per Processor:	8 MB

General

Type:	Server
Product Form Factor:	Rack-mountable - 1U
Built-in Devices:	Led panel
Embedded Security:	Trusted Platform Module (TPM 2.0) Security Chip
Server Scalability:	1-way
Hot-Swap Bays Qty:	4

Environmental Parameters

Min Operating Temperature:	10 °C
Max Operating Temperature:	35 °C
Humidity Range Operating:	8 - 90% (non-condensing)

Dimensions & Weight

Width:	43.46 cm
Depth:	38.22 cm
Height:	4.32 cm

Processor / Chipset

CPU:	Intel Xeon E-2314
Clock Speed:	2.8 GHz
Max Turbo Speed:	4.5 GHz
Number of Cores:	Quad-Core
CPU Qty:	1
Max CPU Qty:	1
CPU Upgradability:	Upgradable
Chipset Type:	Intel C256

Manufacturer Warranty

Service & Support:	Limited warranty - parts and labour - 3 years - on-site - response time: next business day
--------------------	--

Sustainability Information

ENERGY STAR Certified:	Yes
------------------------	-----

Operating System / Software

Cache Memory

Installed Size:	L3 Cache - 8 MB
Cache Per Processor:	8 MB

RAM

Installed Size:	16 GB / 128 GB (max)
Technology:	DDR4 SDRAM - ECC
Effective Memory Speed:	3200 MHz
Rated Memory Speed:	3200 MHz
Form Factor:	DIMM 288-pin
Slots:	4 (Total) / 3 (empty)
Features:	Unbuffered
Configuration Features:	1 x 16 GB

Hard Drive

Type:	No HDD
-------	--------

Storage Controller

Type:	1 x RAID
Storage Controller Name:	Intel VROC SATA Software RAID
RAID Level:	RAID 0, RAID 1, RAID 5, RAID 10

Optical Storage

Type:	No optical drive
-------	------------------

Monitor

Monitor Type:	None.
---------------	-------

Graphics Controller

Graphics Processor:	Matrox G200
Video Memory:	16 MB
Video Interfaces:	VGA

Operating System / Software

OS Provided:	No operating system
--------------	---------------------

Power

Device Type:	Power supply
Power Redundancy:	Yes
Installed Qty:	1
Power Provided:	800 Watt
80 PLUS Certification:	80 PLUS Titanium

Miscellaneous

Included Accessories:	HPE Short Friction Rail kit, 3 x system fans
Compliant Standards:	AES, FIPS 140-2, TLS v1.2, ASHRAE Class A4, ASHRAE Class A3, Redfish API, UEFI, ACPI 6.3

Expansion / Connectivity

Bays:	4 (total) / 4 (free) x hot-swap 2.5" SFF
Slots:	1 (total) / 1 (free) x PCIe 4.0 x8 - low-profile (x8 mode) ; 1 (total) / 1 (free) x PCIe 4.0 x8 - full-length, full-height (x16 mode)
Interfaces:	1 x VGA ; 2 x LAN (Gigabit Ethernet) ; 1 x LAN (Gigabit Ethernet) / HP iLO ; 4 x USB 3.2 (1 front, 2 rear, 1 internal) ; 1 x USB 2.0 (1 front) (HPE iLO Service Port)

Networking

Ethernet Ports:	2 x Gigabit Ethernet
Ethernet Controller:	Broadcom BCM5720
Data Link Protocol:	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol:	IPMI 2.0
Remote Management Controller:	Integrated Lights-Out 5
Features:	Wake on LAN (WoL), PXE support