

HPE ProLiant MicroServer Gen10 Plus v2 Performance 1

Server - ultra micro tower - 1-way - 1 x Xeon E-2314 / 2.8 GHz - RAM 16 GB - SATA - non-hot-swap 3.5" bay(s) - no HDD - no graphics - GigE - no OS - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P54649-421
EAN/UPC	0190017586472



Description

HPE ProLiant MicroServer Gen10 Plus v2 delivers an affordable compact yet powerful entry level server that you can customize for on-premises, hybrid cloud, or even workloads demanding datacenter performance. It has the same design as the previous version and can be placed flat or vertically depending on customer environment. The powerful processors deliver compute performance as well as security and remote management into the server with HPE iLO silicon root of trust. Along with other enhancements such onboard NICs and USB 3.2 Gen2 Type-A, whether you want a general-purpose server, NAS or even a virtualization server, you will be surprised at how much you can get out of this small and affordable server.

Main features

Product Description	HPE ProLiant MicroServer Gen10 Plus v2 Performance 1 - ultra micro tower - Xeon E-2314 2.8 GHz - 16 GB - no HDD
Type	Server - ultra micro tower
Localisation	Region: EMEA
Server Scalability	1-way
Processor	1 x Intel Xeon E-2314 / 2.8 GHz (4.5 GHz) (Quad-Core)
Processor Socket	LGA1200 Socket
Processor Main Features	Intel Turbo Boost Technology 2, Intel Smart Cache
Cache Memory	8 MB L3 Cache
Cache Per Processor	8 MB
RAM	16 GB (installed) / 64 GB (max) - DDR4 SDRAM - ECC
Storage Controller	RAID (SATA 6Gb/s) (Intel VROC SATA Software RAID)
Server Storage Bays	Non-hot-swap 3.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Graphics Controller	No graphics
Networking	GigE
Power	(50/60 Hz)
OS Provided	No operating system
Dimensions (WxDxH)	24.5 cm x 24.5 cm x 11.89 cm

Weight

4.23 kg

Extended details

General

Type	Server
Product Form Factor	Ultra micro tower
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Server Scalability	1-way
Internal Bays Qty	4
Localisation	Region: EMEA

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
Processor Main Features	Intel Turbo Boost Technology 2, Intel Smart Cache
CPU Socket	LGA1200 Socket
Chipset Type	Intel C252

Cache Memory

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

RAM

Installed Size	16 GB / 64 GB (max)
Technology	DDR4 SDRAM - ECC
Effective Memory Speed	3200 MHz
Rated Memory Speed	3200 MHz
Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Features	Unbuffered
Configuration Features	1 x 16 GB

Hard Drive

Type	No HDD
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Storage Controller

Type	1 x RAID
Controller Interface Type	SATA 6Gb/s
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	No graphics
Video Interfaces	VGA, DisplayPort
	Networking
Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	Intel I350-AM4
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0, SMASH CLP
Features	Wake on LAN (WoL), ACPI support, PXE support
	Expansion / Connectivity
Bays	4 (total) / 4 (free) x internal 3.5" LFF
Slots	1 (total) / 1 (free) x PCIe 4.0 x16 - low-profile 1 (total) / 1 (free) x expansion slot (iLO Enablement Kit slot)
Interfaces	1 x VGA 1 x DisplayPort 4 x USB 3.2 Gen 1 - Type A (3 rear, 1 internal) 2 x USB 3.2 Gen 2 - Type A (2 in front) 1 x USB 2.0 - Type A (1 rear) 4 x LAN (Gigabit Ethernet)
	Miscellaneous
Theft/Intrusion Protection	Security lock slot (cable lock sold separately), padlock loop
Security Slot Type	Kensington security slot
Compliant Standards	FCC Class B certified, EN 61000-3-2, ICES-003, EN 61000-3-3, EN55024, FCC CFR47 Part 15, GB 9254, CNS 13438, K24, CISPR 32, EN 55032, K32
	Power
Device Type	Power adapter
Voltage Required	AC 100-240 V (50/60 Hz)
Power Provided	180 Watt
	Operating System / Software
OS Provided	No operating system
	Manufacturer Warranty
Service & Support	Limited warranty - parts and labour - 1 year - on-site - response time: next business day
	Dimensions & Weight
Width	24.5 cm
Depth	24.5 cm
Height	11.89 cm
Weight	4.23 kg
	Environmental Parameters

Humidity Range Operating	8 - 90% RH (non-condensing)
Sound Emission	24 dBA

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