



HPE ProLiant MicroServer Gen10 Plus Entry

Server - ultra micro tower - 1-way - 1 x Pentium Gold G5420 / 3.8 GHz - RAM 8 GB - SATA - non-hot-swap 3.5" bay(s) - no HDD - UHD Graphics 610 - GigE - no OS - monitor: none

Group	Servers
Manufacturer	HPE
Manufacturer item no.	P16005-421
EAN/UPC	0190017362700

Description

The HPE ProLiant MicroServer Gen10 delivers an affordable compact entry level server specifically designed for small offices, home offices, or small business environments.

Main features

Product Description	HPE ProLiant MicroServer Gen10 Plus Entry - ultra micro tower - Pentium Gold G5420 3.8 GHz - 8 GB - no HDD
Type	Server - ultra micro tower
Localisation	Region: Europe
Server Scalability	1-way
Processor	1 x Intel Pentium Gold G5420 / 3.8 GHz (Dual-Core)
Processor Socket	LGA1151 Socket
Processor Main Features	Hyper-Threading Technology, Intel Smart Cache
Cache Memory	4 MB
Cache Per Processor	4 MB
RAM	8 GB (installed) / 32 GB (max) - DDR4 SDRAM - ECC - PC4-21333
Storage Controller	RAID (SATA 6Gb/s) - PCIe 3.0 x4 (HPE Smart Array S100i SR Software RAID)
Server Storage Bays	Non-hot-swap 3.5"
Hard Drive	No HDD
Optical Storage	No optical drive
Graphics Controller	Intel UHD Graphics 610
Networking	GigE
Power	AC 120/230 V (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
Server Scalability	1-way
Internal Bays Qty	4
Localisation	Region: Europe
Processor / Chipset	
CPU	Intel Pentium Gold G5420
Clock Speed	3.8 GHz
Number of Cores	Dual-Core
CPU Qty	1
Max CPU Qty	1
CPU Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Smart Cache
CPU Socket	LGA1151 Socket
Chipset Type	Intel C242
Cache Memory	
Installed Size	4 MB
Cache Per Processor	4 MB
RAM	
Installed Size	8 GB / 32 GB (max)
Technology	DDR4 SDRAM - ECC
Effective Memory Speed	2400 MHz
Rated Memory Speed	2666 MHz
Memory Specification Compliance	PC4-21333
Form Factor	DIMM 288-pin
Slots	2 (Total) / 1 (empty)
Features	Unbuffered
Configuration Features	1 x 8 GB
Hard Drive	
Type	No HDD
Storage Controller	
Type	1 x RAID - PCIe 3.0 x4
Controller Interface Type	SATA 6Gb/s
Storage Controller Name	HPE Smart Array S100i SR Software RAID
Channel Qty	14
RAID Level	RAID 0, RAID 1, RAID 5, RAID 10
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
Graphics Controller	
Graphics Processor	Intel UHD Graphics 610

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 3.0 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 ; 2 x USB 3.2 Gen 2 (2 in front) ; 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, AES, FCC CFR47 Part 15, Triple DES, EMC Class B, GB 9254, CNS 13438, TLS v1.2, K24, CISPR 32, EN 55032, K32, ASHRAE Class A2, Redfish API, UEFI
Power	
Device Type	Power adapter
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	180 Watt
Operating System / Software	
OS Provided	No operating system
OS Certified	Microsoft Windows Server 2016, ClearOS, Red Hat Enterprise Linux 8.0, Microsoft Windows Server 2019, VMware ESXi 6.5 update 3, VMware ESXi 6.7 update 3, Red Hat Enterprise Linux 7.6, Red Hat Enterprise Linux 8.1, Red Hat Enterprise Linux 7.7
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	
Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Sound Emission	21 dBA

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