

HPE Smart Choice DL380 G11 5416S 2x32G 8SFF SSD Svr (P81784-425)

HPE ProLiant DL380 Gen11 5416S 2.0GHz 16c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server - This HPE pre built server includes the following: - 2x P43328-B21 = HPE 32GB (1x32GB) Dual Rank x8 DDR5-4800 CAS-40-39-39 EC8 Registered Smart Memory Kit - 2x P40497-B21 = HPE 480GB SATA 6G Read Intensive SFF (2.5in) Basic Carrier Multi Vendor SSD - 2x P03178-B21 = HPE 1000W Flex Slot Titanium Hot Plug Power Supply Kit - If you have any questions or additional product requirements, please reach out to our HPE sales team at HPESales@tdsynnex.com.



The HPE ProLiant DL380 Gen11 is designed for scalability and flexibility in a rack-mountable form factor. With a dual-socket architecture that can support up to 2 Xeon Gold processors, this server excels in performance while accommodating various operational demands. It features expandability options, offering 8 hot-swap 2.5-inch storage bays and ample RAM slots, making it suitable for data-intensive applications and virtualization. The server also incorporates advanced security measures such as a Trusted Platform Module (TPM 2.0) to ensure data protection. Its efficient power supply system and built-in iLO manageability features allow for streamlined monitoring and maintenance.

Key Selling Points

- Supports dual Intel Xeon Gold processors for computational power
- Features 8 hot-swap storage bays for storage options
- Incorporates HPE SmartMemory technology for performance
- Equipped with a Trusted Platform Module (TPM 2.0) for security
- Remote management capabilities via Integrated Lights-Out 6

Product Features

- Scalable architecture**
The HPE ProLiant DL380 Gen11 supports a 2-way server configuration with two processor sockets, allowing for significant scalability to meet growing business needs.
- Robust storage capabilities**
Equipped with 8 hot-swap 2.5-inch storage bays, the server accommodates various swappable drive interfaces including SATA, SAS, and NVMe, providing flexibility in storage configurations.
- Enhanced memory support**
The server provides support for DDR5 SDRAM with up to 32 slots, ensuring ample memory capacity for high-performance workloads and applications.
- Secure operation**
The embedded Trusted Platform Module (TPM 2.0) security chip offers improved protection against unauthorized access and enhances overall system integrity.
- Efficient remote management**
Integrated Lights-Out 6 (iLO) enables comprehensive remote management capabilities, making server monitoring and maintenance efficient.

Main specifications

Product Description	HPE ProLiant DL380 Gen11 - rack-mountable Xeon Gold 5416S 2 GHz - 64 GB - SSD 2 x 480 GB
Type	Server - rack-mountable
Height (Rack Units)	2U
Localisation	Region: Europe
Server Scalability	2-way
Processor	1 x Intel Xeon Gold 5416S / 2 GHz (up to 4 GHz, (16-core)
Processor Main Features	Intel Turbo Boost Technology 2, Hyper-Threading Technology
Cache Memory	30 MB L3 Cache
Cache Per Processor	30 MB
RAM	64 GB (installed) / 8 TB (max) - DDR5 SDRAM
Storage Controller	RAID (Serial ATA-600 / SAS 3.0 / PCI Express (NVMe)) - OCP (HPE MR408i-o Gen11 SPDM)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	2 x SSD 480 GB - SATA 6Gb/s
Optical Storage	No optical drive
Video Memory	16 MB

Networking	1GbE, 10GbE
Power Redundancy	Yes
OS Provided	No operating system
Software Included	HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download), HPE Server UEFI
Dimensions (WxDxH)	44.8 cm x 72.7 cm x 8.75 cm
Weight	16 kg
Environmental Standards	ENERGY STAR Qualified
Manufacturer Warranty	Limited warranty - parts and labour - 3 years - on-site - response time: next business day

Extended specification

General

Type	Server
Product Form Factor	Rack-mountable - 2U
Built-in Devices	Led panel
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Server Scalability	2-way
Hot-Swap Bays Qty	8
Localisation	Region: Europe

Expansion / Connectivity

Bays	8 (total) / 6 (free) x hot-swap 2.5" SFF
Slots	1 (total) / 1 (free) x PCIe 5.0 x16 - full-length, full-height ¦ 1 (total) / 1 (free) x PCIe 5.0 x16 - full-length, full-height (x8 mode) ¦ 1 (total) / 0 (free) x PCIe 5.0 x16 - half-length, full-height (x8 mode) ¦ 2 (total) / 1 (free) x Open Compute Project mezzanine (OCP) 3.0
Interfaces	1 x USB 3.0 (1 in front) (HPE iLO Service Port) ¦ 4 x USB 3.0 (2 rear, 2 internal) ¦ 1 x HPE iLO - RJ-45 (1 rear) ¦ 1 x VGA (1 rear) ¦ 2 x LAN (1/10 Gigabit Ethernet)

Manufacturer Warranty

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

Installed Size	64 GB (installed) / 8 TB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	2200 MHz
Rated Memory Speed	2400 MHz
Form Factor	DIMM 288-pin
Slots	32 (Total) / 30 (empty)
Features	HPE SmartMemory, registered, slots 17 - 32 are available in two-processor configuration only
Configuration Features	2 x 32 GB

Networking

Ethernet Ports	2 x 10 Gigabit Ethernet
Ethernet Controller	Broadcom BCM57416
Data Link Protocol	Gigabit Ethernet, 10 Gigabit Ethernet
Remote Management Protocol	SNMP 3, IPMI 2.0, SMASH CLP
Remote Management Controller	Integrated Lights-Out 6
Features	Wake on LAN (WoL), PXE support

Miscellaneous

Included Accessories	4 standard fans
Compliant Standards	AES, ACPI 6.3, TLS v1.2, ASHRAE Class A3, ASHRAE Class A4, Active Directory v1.0, WEEE 2002/95/EC, FIPS 140-2, SMBIOS 3.2, Redfish API, Triple DES, UEFI 2.7

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 100-240 V
Power Provided	1000 watt
80 PLUS Certification	80 PLUS Titanium

Environmental Parameters

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

Storage Controller

Type	1 x RAID - OCP
Controller Interface Type	Serial ATA-600 / SAS 3.0 / PCI Express (NVMe)
Storage Controller Name	HPE MR408i-o Gen11 SPDM
Channel Qty	8
RAID Level	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, RAID 50, RAID 60
Buffer Size	4 GB

Cache Memory

Installed Size	L3 Cache - 30 MB
Cache Per Processor	30 MB

Optical Storage

Type	No optical drive
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Operating System / Software

OS Provided	No operating system
OS Certified	Microsoft Windows Server 2019, Microsoft Windows Server 2022, VMware ESXi 7.0 update 3, VMware ESXi 8.0, VMware ESXi 8.0 update 1, VMware ESXi 8.0 update 2, Red Hat Enterprise Linux 8.6, Red Hat Enterprise Linux 9.0, SUSE Linux Enterprise Server 15 SP4, SUSE Linux Enterprise Micro 5.3, Canonical Ubuntu 20.04.5 LTS, Canonical Ubuntu 22.04 LTS, Oracle Linux 9
Software	HPE iLO Standard with Intelligent Provisioning, HPE OneView Standard (free download), HPE Server UEFI

Monitor

Monitor Type	None.
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Graphics Controller

Video Memory	16 MB
Video Interfaces	VGA

Hard Drive

Type	SSD
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Capacity	2 x 480 GB
Interface Type	SATA 6Gb/s
Features	HPE Multi Vendor, Read Intensive

Dimensions & Weight

Width	44.8 cm
Depth	72.7 cm
Height	8.75 cm
Weight	16 kg

Processor / Chipset

CPU	Intel Xeon Gold 5416S
Clock Speed	2 GHz
Max Turbo Speed	4 GHz
Number of Cores	16-core
CPU Qty	1
Max CPU Qty	2
CPU Upgradability	Upgradable
Processor Main Features	Intel Turbo Boost Technology 2, Hyper-Threading Technology
Chipset Type	Intel C741

Sustainability Information

ENERGY STAR Certified	Yes
ENERGY STAR Version	3.0

What's in the box

- HPE ProLiant DL380 Gen11
- 4 standard fans

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