HPE Smart Choice DL380 G11 4509Y 2x32G 8SFF SSD Svr(P81777-425)

HPE ProLiant DL380 Gen11 4509Y 2.6GHz 8c 1P 2x32GB-R 8SFF MR408i-o 2x480GB SSD 2x1000W PS EU Server - This HPE pre built server includes the following: - 2x P64706-B21 = HPE 32GB (1x32GB) Dual Rank x8 DDR5-5600 CAS-46-45-45 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 to excel in demanding data center environments, offering flexibility and performance to meet diverse workload requirements. With a Xeon Silver processor and support for DDR5 SDRAM, this server allows for improvements in memory speed and capacity. Its rack-mountable chassis is optimized for space efficiency while providing easy access to components, ensuring effective cooling management within server racks. The HPE ProLiant DL380 Gen11 features hot-swap server storage bays compatible with SATA, SAS, and NVMe interfaces. The server is designed for scalability with two-way configuration support and plenty of expansion options, including available bays and slots. Additionally, its integrated management tools streamline remote administration and enhance security with the Trusted Platform Module (TPM 2.0), ensuring system integrity.

Key Selling Points

Xeon Silver processor with upgradable options
Flexible storage options with hot-swap bays for easy maintenance
Robust memory support with DDR5 SDRAM technology
Comprehensive remote management capabilities with integrated Lights-Out 6
Secure design with Trusted Platform Module (TPM 2.0)

Product Features

Efficient storage capabilities
The server features eight hot-swap storage bays, allowing for easy installation and maintenance of drives. It supports various interface options including SATA, SAS, and NVMe, providing the flexibility needed for different storage setups.

Robust expansion options
With a total of 32 RAM slots and the capability to support expansion cards in available half-length, full-height slots, the HPE ProLiant DL380 Gen11 offers the scalability needed for growing business demands.

Effective cooling and operation
Designed for a wide range of operating environments, the DL380 Gen11 operates efficiently between 10°C and 35°C and can handle humidity levels of 8% to 90% RH, ensuring reliability in various conditions.

Integrated management tools
Equipped with Integrated Lights-Out 6, this server streamlines remote management, allowing administrators to monitor and maintain server health and performance without being onsite.

Enhanced security features
The embedded Trusted Platform Module (TPM 2.0) ensures a strong foundation for secure boot processes and encryption, protecting the integrity of sensitive data.

Main Specifications

Product Description	HPE ProLiant DL380 Gen11 - rack-mountable Xeon Silver 4509Y 2.6 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 Silver 4509Y / 2.6 GHz (up to 4.1 GHz, (8-core)
Processor Main Features	Intel Turbo Boost Technology 2, Hyper-Threading Technology
Cache Memory	22.5 MB L3 Cache

Cache Per Processor	22.5 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
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) / 1 (free) x PCIe 5.0 x16 - half-length, full-height (x8 mode) ¦ 2 (total) / 0 (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) ¦ 4 x LAN (Gigabit Ethernet) - RJ-45

Manufacturer Warranty

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

RAM

Installed Size	64 GB (installed) / 8 TB (max)
Technology	DDR5 SDRAM
Effective Memory Speed	2200 MHz
Rated Memory Speed	2800 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

Interface (Bus) Type	Open Compute Project mezzanine (OCP) 3.0
Ethernet Ports	4 x Gigabit Ethernet
Ethernet Controller	Broadcom BCM5719
Data Link Protocol	Ethernet, Fast Ethernet, 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
Compliant Standards	OCP 3.0

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 - 22.5 MB
Cache Per Processor	22.5 MB

Optical Storage

Type	No optical drive

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.

Graphics Controller

Video Memory	16 MB
Video Interfaces	VGA

Hard Drive

Type	SSD
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 Silver 4509Y
Clock Speed	2.6 GHz
Max Turbo Speed	4.1 GHz
Number of Cores	8-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