

HPE ProLiant DL380 Gen10 Plus server



What's new

- Supports 3rd Generation Intel® Xeon® Scalable Processors.
- Support for PCIe Gen4, resulting in improved bandwidth and throughput.
- Support for industry-standard OCP 3.0 Network Adapters.
- Support for Trimodal (NVMe/SAS/SATA) HPE Smart Array controllers.

Overview

Do your servers need increased performance in storage, compute, or expansion?

The HPE ProLiant DL380 Gen10 Plus server is adaptable for diverse workloads and environments, providing you with the right balance of expandability and scalability. Designed for supreme versatility and resiliency, this 2U/2P platform is capable for deployment in multiple environments, built on 3rd Generation Intel® Xeon® Scalable Processors, and backed by a comprehensive warranty. Equipped with PCIe Gen4 capabilities, the HPE ProLiant DL380 Gen10 Plus server offers improved data transfer rates and higher networking speeds.



Technical specifications

Processor type	Intel®
Processor family	3rd Generation Intel® Xeon® Scalable Processors
Processor number	1 or 2
Processor core available	16 to 40 core, depending on processor
Processor speed	3.1 GHz maximum, depending on processor
Power supply type	Dual hot-plug redundant 1+1 HPE Flexible Slot Power Supplies (2.6")
Expansion slots	8, for detailed descriptions refer to the QuickSpecs
Maximum memory	8.1 TB - RDIMM (4 TB per processor), 11.2 TB - LRDIMM and Intel® Optane™ (5.6 TB per processor with 8x LRDIMM and 8x 512 GB Intel Optane)
Memory, standard	16 GB (1 x 16 GB) RDIMM
Memory slots	32
Memory type	HPE DDR4 Smart Memory
Memory protection features	RAS – Advanced ECC, online spare, mirroring, combined channel (lockstep) functionality, and HPE Fast Fault Tolerant Memory (ADDDC) Intel® Optane Persistent Memory
Included hard drives	None ship standard, SFF and LFF drives supported
Optical drive type	Optional DVD-ROM Optional via Universal Media Bay External support only
System fan features	Hot-plug redundant fans, standard
Network controller	Intel I350 1GbE 4 port Base-T OCP3 adapter or Broadcom 57416 10GbE 2 port Base-T adapter and/or optional network adapters depending on model
Storage controller	HPE SR932i-p and/or HPE SR416i-a and/or HPE MR216i-a and/or HPE MR416i-a and/or HPE MR216i-p and/or HPE MR416i-p and/or HPE Smart Array P816i-a SR and/or HPE Smart Array E208i-a SR and/or HPE Smart Array P408i-a SR and/or HPE Smart Array E208i-p SR and/or HPE Smart Array E208e-p SR and/or HPE Smart Array P408e-p SR and/or HPE Smart Array P408i-p SR
Infrastructure management	HPE iLO Standard with intelligent provisioning (embedded), HPE OneView Standard (requires download) (standard) HPE iLO Advanced, and HPE OneView Advanced (optional, requires licenses)
Drive supported	8 or 12 LFF SAS/SATA/SSD 8, 10, 16, 18 or 24 SFF SAS/SATA/SSD, 2 M.2 SATA SSD standard on primary riser, depending on configuration, 8 SFF mid-tray optional, 6 SFF rear drive optional or 4 LFF mid tray optional, 3 LFF rear-drive optional and 2 SFF or 2 Dual UFF rear-drive optional, 20 SFF NVMe optional, NVMe support via Express Bay will limit maximum drive capacity, depending on model

