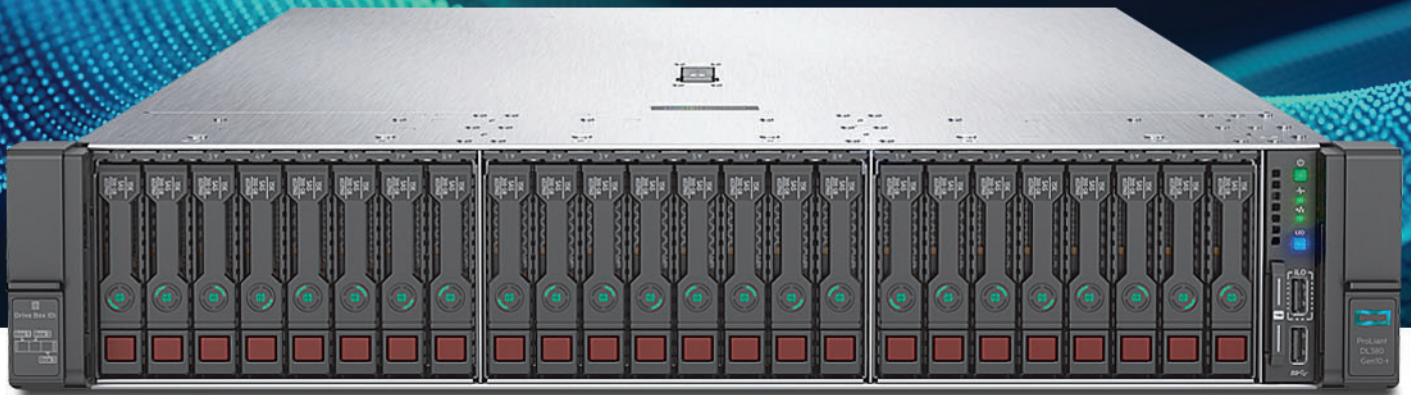# DL380 Gen10+-IR (Immersion Ready)
Compelling performance, high scalability, and density

The HPE DL380 Gen10 Plus optimized for Immersion by UNICOM Engineering, DL380 Gen10+-IR, powered by the 3rd Generation Intel Xeon Scalable processors is the optimal rack server to address application performance and acceleration. The DL380 Gen10+-IR is a dual-socket/2U rack server that delivers outstanding performance for the most demanding workloads. It supports 8 channels of memory per CPU, and up to 32 DDR4 DIMMs @ 3200 MT/s speeds. In addition, to address substantial throughput improvements the DL380 Gen10+-IR supports PCIe Gen 4 and up to 24 SSD drives with liquid immersion cooling features to support increasing power and thermal requirements. This makes the DL380 Gen10+-IR an ideal server for data center standardization on a wide range of workloads including Database and Analytics, High-performance computing (HPC), Traditional corporate IT, Virtual Desktop Infrastructure, and AI/ML environments that require performance, extensive storage and GPU support

Gain a Competitive Advantage

Many times, the best way to deliver a truly competitive solution is to leverage the products, skills, and resources of proven partners. Building on innovative Intel technology, UNICOM Engineering's design, integration, logistics and support expertise helps customers streamline software application deployment and shorten time to revenue. Our strong foundation of engineering expertise, process-driven manufacturing, technology partner relationships, and an unrelenting commitment to quality has made UNICOM Engineering one of the most trusted deployment partners in the industry.

DL380 Gen10+-IR (Immersion Ready)
technical specifications

DL380 Gen10+-IR Rear View

Form Factor
- 2U rack server

Dimensions
- Height – 87.55 mm (3.44 inches)
- Width – 445.4 mm (17.54 inches)
- Depth – 710.0 mm (28.0 inches)

Processor
- Up to two 3rd Generation Intel Xeon Scalable processors, with up to 40 cores per processor

Memory
- 32 DDR4 DIMM slots, 16 slots per processor, 8 channels per processor, 2 DIMMs per channel
- Supports up to 8 TB (32 x 256 GB) ECC LRDIMM @ 3200 MT/S
- Supports up to 8 TB (16 x 512 GB) Intel Persistent Memory 200 Series

Storage Controllers
- Included – Embedded SATA controller
- Optional – VROC SATA / NVMe, Essential & Performance RAID Controllers

Drive Bays
- Up to 24 x 2.5-inch SAT/SAS/NVMe SSDs

Power Supplies
- 800W (Titanium) 200-240 VAC
- 1600W (Platinum) 200-240 VAC

Cooling
- Optimized for Immersion Cooling Systems

Fans
- Optimized for Immersion Cooling Systems

Embedded Management
- Integrated Lights-Out (iLO)
- Unified Extensible Firmware Interface (UEFI)
- iLO RESTful API

Embedded NIC
- 1 x 1 GbE iLO Management Port

Networking Options
- 1 x OCP 3.0 (x8 PCIe lanes)

Ports
Front Ports:
- 1 x iLO Service
- 1 x USB 3.0
- 1 x USB 2.0 (optional)
- 1 Display (optional)

Rear Ports:
- 1 x Serial (optional)
- 2 x USB 3.0
- 1 x RJ-45 iLO Management
- 1 x VGA

Internal Ports:
- 2 x USB 3.0

PCIe
- Up to 8 x PCIe Gen4 expansion slots
- 6 x FH/FL (x16, x16), 2 x FH/FL (x8, x16)

Operating System and Hypervisors
- Microsoft Windows Server 2016 / 2019
- Microsoft Hyper-V Server
- Red Hat Enterprise Linux (RHEL)
- SUSE Linux Enterprise Server (SLES)
- VMware vSphere

Note: These specifications should be viewed as preliminary and final specifications may vary.

Support and Maintenance Services

UNICOM Engineering offers a variety of support and maintenance service programs to ensure high availability, rapid response, effective troubleshooting, fast parts replacement and 24-hour support.

Please visit **www.unicomengineering.com/supportservices** for more information.

sales@unicomengineering.com

unicomengineering.com

twitter.com/UNICOMEng

facebook.com/UNICOMEng

+1 800.977.1010

linkedin.com/company/unicomengineering