

DL380 Gen10 AI Server

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Invented for life



- ▶ Supporting the second generation Intel® Xeon® Scalable processor family
- ▶ 2 x NVIDIA Quadro P4000 Graphics Accelerator
- ▶ 64 GB (4 x 16 GB) DDR4-2666 Registered Smart Memory Kit
- ▶ SUSE Linux Enterprise Server, 3 years subscription
- ▶ 2U rack for 19" rack deployment

The HPE ProLiant DL380 Gen10 server delivers the latest in security, performance and expandability, backed by a comprehensive warranty. Standardize on the industry's most trusted compute platform.

System overview

Key features and benefits

- Supporting the second generation Intel® Xeon® Scalable processor family
- Integrated Memory Controller, Turbo Boost, Intelligent Power Technologies, and Trusted Execution Technology
- HP SmartMemory: HP SmartMemory increases memory quality and reliability, enables performance features and improves the power efficiency
- Active Health Always-on diagnostics, 5 x faster root cause diagnostics
- Provides complete data protection with embedded HPE Smart Array P408i-a storage controller
- Qualifies ENERGY STAR HPE ProLiant DL380 Gen10 server configurations
- Installs quickly with new universal tool-free sliding rails, quick release levers allow fast server access
- Provides 24 x 7 continuous health monitoring with HP Active Health System that logs 100% configuration changes, and helps quicken analysis of problems with HP Service and Support
- Automated Energy Optimization improves the server's ability to analyze and respond to "3D sea of sensors" data within the server as well as self-identify location

and inventory through HPE Insight Control for maximum workload optimization across the entire data center

- Precise control of server fans to direct cooling and reduce unnecessary fan power with the first 3D array of temperature sensors that is part of the HP-unique Thermal Discovery

Certifications and approvals

Region	Regulatory compliance/quality marks	
Europe	CE	DoC_DL380_G10_CE_HSTNS-5200_R2

Installation/configuration notes

HPE ProLiant DL380 Gen10 server provides the performance and memory needed for medium- to enterprise-sized environments. Please refer to the respective application data sheets to get detailed information.

Language selection

HPE ProLiant DL380 Gen10 server comes in a standard localization:
MHW-S380RA-AI Bosch Artificial Intelligence Server with American English localization/keyboard. Additional optional keyboards listed under Ordering information are available.

Support

- HP hardware support, 3-year warranty

Configuration of DL380 Gen10 AI server

Quantity	Component
1	HPE DL380 Gen 10 8SFF CTO server
2	HPE DL380 Gen 10 Intel Xeon-Silver 4110 (2.1GHz/8-core/85W)
4	HPE 16 GB (1 x 16 GB) Single Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit
1	HPE DL38X Gen10 Universal Media Bay Kit
2	HPE 400GB SAS 12G Write Intensive SFF (2.5in) SC 3yr Wty Digitally Signed Firmware SSD
1	HPE 9.5mm SATA DVD-ROM Optical Drive
1	HPE DL38X Gen10 x16/x16 Riser Kit
2	HPE NVIDIA Quadro P4000 Graphics Accelerator
1	HPE DL380 Gen10 x16/x16 Riser FIO
1	HP iLO 5, HP Intelligent Provisioning integrated
1	SUSE Linux Enterprise Server, 3 years subscription

Technical specifications**Electrical**

Power supply	2 x HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit
Type of power supply	VAC
Input voltage (VAC)	100 - 240
Output power (W)	800
Maximum heat energy (BTU/h)	3067

Mechanical

Dimensions (H x W x D cm)	8.73 x 44.54 x 67.94
Dimensions (H x W x D in)	3.44 x 17.54 x 26.75

Environmental

<ul style="list-style-type: none"> • Operating temperature (°C)* 	10 - 35
<ul style="list-style-type: none"> • Operating temperature (°F)* 	50 - 95

* At sea level with an altitude derating of 1.0 °C per every 305 m (1.8 °F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct sustained sunlight. Maximum rate of change is 20 °C/h (36 °F/h). The upper limit and rate of change may be limited by the type and number of options installed.

Environmental

System performance during standard operating support may be reduced if operating with a fan fault or above 30 °C (86 °F).

<ul style="list-style-type: none"> • Non-operating temperature (°C) 	-30 - 60
<ul style="list-style-type: none"> • Non-operating temperature (°F) 	-22 - 140
<ul style="list-style-type: none"> • Operating relative humidity, non-condensing (%) 	8 - 90
<ul style="list-style-type: none"> • Non-operating relative humidity, non-condensing (%) 	5 - 95

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Notes:

- General technical specifications for the server are provided in the HPE ProLiant DL380 Gen10 Server QuickSpecs (Worldwide - Version 24 - July 1, 2019).
- Configuration specifications are supplied in the section **Installation/configuration notes**.

Ordering information**MHW-S380RA-AI Bosch Artificial Intelligence Server**

High-performance Artificial Intelligence Server.
American English

Order number **MHW-S380RA-AI**

MHW-AWLCK-FR Keyboard French

Localization (Keyboard): France - French

Order number **MHW-AWLCK-FR**

MHW-AWLCK-IT Keyboard Italian

Localization (Keyboard): Italy - Italian

Order number **MHW-AWLCK-IT**

MHW-AWLCK-UK Keyboard English (UK)

Localization (Keyboard): United Kingdom - British English

Order number **MHW-AWLCK-UK**

MHW-AWLCK-DE Keyboard German

Localization (Keyboard): Germany - German

Order number **MHW-AWLCK-DE**

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