

MHW-S380RA-SC Standard Application Server



The HPE DL380 Gen10 8SFF CTO (Generation 10) server performance model with enhanced configuration flexibility, high performance, and leading energy efficient design offers the perfect solution for demanding video applications.

System overview

The HPE DL380 Gen10 8SFF CTO server is engineered to provide reliability, accessibility, and serviceability and to protect your investment. This versatile rack-optimized server balances efficiency and performance, and makes management simple and effective: a single platform to handle a wide variety of enterprise workloads.

Key features and benefits

- 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.
- Provides complete data protection with embedded HPE Smart Array E208i-a storage controller.
- Qualifies ENERGY STAR HPE DL380 Gen10 8SFF CTO server configurations.
- Prepared for iLO Power Management enables you to view and control the power state of the server, monitor power usage, and modify power settings.
- 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.

- ▶ High performance with one 8-core processor Intel Xeon Silver 4208
- ▶ Prepared for iLO Power Management
- ▶ 32 GB (2 x 16 GB) DDR4-2666 Registered Smart Memory Kit
- ▶ 1 x 4-port Gigabit server adapter
- ▶ 2U rack for 19" rack deployment

- 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.

Regulatory information

Region	Regulatory compliance/quality marks	
Great Britain	UKCA	DoC_UK_DL380_Gen10_Server_HSTNS-5200
Global	IEC_62443	Industrial Cyber Security Capability
Europe	CE	DoC_EU_DL380_Gen10_Server_HSTNS-5200

Installation/configuration notes

The HPE DL380 Gen10 8SFF CTO 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

The management server comes in a standard localization:

MHW-S380RA-SC Bosch Standard Application Server with American English localization/keyboard. Additional optional keyboards are available.

Support

- HP 3/3/3 basic support included: 3 years parts, 3 years labor, 3 years onsite support.
- For an upgrade to next-business-day support, or 24x7 4h repair, refer to the available warranty extensions.

Configuration of HPE DL380 Gen10 8SFF CTO Management Server

Quantity	Component
1	HPE DL380 Gen10 8SFF CTO 8 SFF NC CTO server
1	HPE DL380 Gen10 8SFF CTO Intel Xeon-Silver 4208 (2.1GHz/8core/85W) FIO Processor Kit
2	HPE 16 GB (1 x 16 GB) Single Rank x4 DDR4-2666 CAS-19-19-19 Registered Smart Memory Kit
1	HP SATA DVD-ROM drive JackBlack Gen9
2	HPE 300 GB SAS 12G Enterprise 15K SFF (2.5 in) HDD
1	HP Ethernet 1 GB 4-port 366FLR adapter
2	HP 500 W FS hotplug AC power supply
1	HP RAID-1
1	HP iLO 5, HP Intelligent Provisioning integrated
1	License for Microsoft Windows Server 2022 standard edition, 64 bit
1	Additional license and media kit for Microsoft Windows Server 2019

Parts included

Quantity	Component
1	HPE DL380 Gen10 8SFF CTO Management Server
1	Keyboard (American English)
1	Standard mouse
1	License for Microsoft Windows Server 2022 standard edition, 64 bit
1	Additional license and media kit for Microsoft Windows Server 2019

Technical specifications

Electrical

Input voltage (VAC)	100 VAC – 240 VAC
Maximum heat loss (BTU/h)	1979 BTU/h
Maximum output power (W)	500 W

Mechanical

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

Environmental

Operating temperature (°C)*	10 °C – 35 °C
Operating temperature (°F)*	50 °F – 95 °F
* 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.	System performance may be reduced if operating with a fan fault or above 30 °C (86 °F).
Storage temperature (°C)	-30 °C – 60 °C
Storage temperature (°F)	-22 °F – 140 °F
Operating relative humidity, non-condensing (%)	8% – 90%
Storage relative humidity (%)	5% – 95%

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- Intel and Xeon are trademarks of Intel Corporation in the U.S. and other countries.
- Energy Star is a registered trademark of U.S. Environmental Protection Agency, all rights reserved.

Notes:

- General technical specifications for the server are provided in the HPE DL380 Gen10 8SFF CTO QuickSpecs (Worldwide - Version 58 - January 10, 2023).

Ordering information

MHW-S380RA-SC Standard Application Server

High-performance standard application management server.

American English

Order number **MHW-S380RA-SC | F.01U.385.087**

Accessories

MHW-AWLCK-FR Keyboard French

Localization (Keyboard): France - French

Order number **MHW-AWLCK-FR | F.01U.073.355**

MHW-AWLCK-IT Keyboard Italian

Localization (Keyboard): Italy - Italian

Order number **MHW-AWLCK-IT | F.01U.073.354**

MHW-AWLCK-UK Keyboard English (UK)

Localization (Keyboard): United Kingdom - British English

Order number **MHW-AWLCK-UK | F.01U.073.358**

MHW-AWLCK-DE Keyboard German

Localization (Keyboard): Germany - German

Order number **MHW-AWLCK-DE | F.01U.073.359**

Services

MHW-S380RA-NBD3Y MHW-S380RA-SC PoS UPG 3Y NBD Repair

3 years next business day repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-NBD3Y | F.01U.364.955**

MHW-S380RA-NBD4Y MHW-S380RA-SC PoS UPG 4Y NBD Repair

4 years next business day repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-NBD4Y | F.01U.364.956**

MHW-S380RA-NBD5Y MHW-S380RA-SC PoS UPG 5Y NBD Repair

5 years next business day repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-NBD5Y | F.01U.364.957**

MHW-S380RA-4H3Y MHW-S380RA-SC PoS UPG 3Y 24x7 4h Repair

3 years 24x7 within 4 hours repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-4H3Y | F.01U.364.958**

MHW-S380RA-4H4Y MHW-S380RA-SC PoS UPG 4Y 24x7 4h Repair

4 years 24x7 within 4 hours repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-4H4Y | F.01U.364.959**

MHW-S380RA-4H5Y MHW-S380RA-SC PoS UPG 5Y 24x7 4h Repair

5 years 24x7 within 4 hours repair warranty extension for MHW-S380RA-SC Bosch Standard Application Server.

Order number **MHW-S380RA-4H5Y | F.01U.364.960**

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