

# Core Systems DL380RS Gen9 Rugged Server



## Future-proof design with flexible options

Choose the features/functions you need now; add more as necessary as your business needs grow; the modular chassis, networking, and controller designs allow for easy upgrades. Pay for what you need, when you need it.

## Agile infrastructure management

For accelerating IT service delivery; streamline management with HPE OneView—the software-defined management platform that delivers automation simplicity for a more agile and responsive infrastructure.

## Tomorrow's benchmark for multi-workload compute

### Purpose-built for flexibility

Based on the world's best-selling server,<sup>1</sup> with Gen9, the Core Systems DL380RS just got better. Updated with the latest Intel E5-2600v4 processors and 2400MHz DDR4 memory, the DL380RS Gen9 Rugged Server is designed to adapt to the needs of any environment, offering enhanced reliability, serviceability, and continuous availability, all backed by a comprehensive warranty.

With the DL380RS Gen9 Rugged Server from Core Systems, you can deploy a single platform to handle a wide variety of workloads:

- **Virtualization** – Consolidate your server footprint by running multiple virtual machines on a single DL380RS Gen9 Rugged Server
- **Big Data** – Manage exponential growth in your data volumes—structured, unstructured, and semi-structured
- **Storage-centric applications** – Remove bottlenecks and improve performance
- **Data warehousing/analytics** – Find the information you need, when you need it, to enable better business decisions
- **Enterprise resource planning (ERP)** – Trust the DL380RS Gen9 Rugged Server to help you run your business in near real time
- **Virtual desktop infrastructure (VDI)** – Deploy remote desktop services to provide your workers with the flexibility they need to work anywhere, at any time, using almost any device
- **SAP®** – Streamline your business processes through consistency and real-time transparency into your end-to-end corporate data

To support your heterogeneous IT environment, the DL380RS Gen9 Rugged Server supports Microsoft® Windows® and Linux® operating systems, as well as VMware® and Citrix® virtualization environments.

<sup>1</sup> QO315 IDC Server Tracker.

## Data sheet

### Technical Specifications

<b>Military Standards</b>	Operational Temperature: -10C to +50C with solid state drives, MIL-STD-810F, Method 501.5, Procedures I/II Storage: -40C to 75C, MIL-STD-810F, Method 501.5, Procedures I/II Humidity: MIL-STD-810F, Method 507.4: 48 hour, 95% RH 40-65C with humidity option Altitude: MIL-STD-810F, Method 500.4: 12,500ft operation with 40,000ft transport Vibration: MIL-STD-810F, Method 514.6 Procedure I: 4.43 GRMS, 5-20000Hz, 60min/axis w/solid state drives Shock: MIL-STD-810F, Method 516.6, Procedures I/V: 20g, 11msec functional shock; 40g 11msec crash hazard shock EMC: MIL-STD-461F CE102 & RE102: Meets using CORESYSTEMS Optional 461 EMI Kit
<b>Mechanical</b>	Height - 5.25" (13.33cm), Width- 17.75" (45.10cm), Depth- 22.00"(55.88cm), Weight- 31lbs (14kg)
<b>CPU</b>	Up to two Intel® Xeon® E5-2600v3 and E5-2600v4 series, 4/6/8/10/12/14/16/18/20/22 cores
<b>Expansion Slots</b>	(6) PCIe 3.0 expansion slots available
<b>Drive Bays</b>	24 hot swap removable Drive Bays (2.5" SFF SAS or SSD's); One slim line SATA CD/DVD (R/W) available
<b>HPE SmartDrives</b>	24 + 2 SFF/12 + 3 LFF max, HDD/SSD, M.2 enabled and optional 6 NVMe PCIe SSD support
<b>Mounting Options</b>	22" Slide Rails; Fixed mounting rails front and rear, extend to 28"
<b>Power Supply Options</b>	96 percent efficient (Titanium) with Flexible Slot Power Supplies with optional HPE Battery Backup Hot plug fans with full N + 1 redundancy, optional high performance fans

## Core Systems resources

[www.core-systems.com](http://www.core-systems.com)

888.584.CORE

## Services

Let Core Systems help guide you and your business through the rapidly changing IT landscape. Core Systems Services delivers confidence, reduces risk, and helps you realize greater agility and stability.

Core Systems is a premier manufacturer of best-in-class rugged computers and rugged displays. We design and manufacture all of our products in Poway, California. Our 35,000+ square foot facility features onsite engineering, assembly, and test along with a complete metal fabrication and machining facility. Core Systems is one of the only vertically integrated rugged computer manufacturers in the nation. Our diverse family of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.

Learn more at:

[core-systems.com/core-systems-dl380rs/](http://core-systems.com/core-systems-dl380rs/)

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