



# DL160RS GEN10 1U Rugged Short Depth Server

*1U Server Based on the HPE DL160 Server Platform*



Based on Hewlett Packard Enterprise's (HPE) industry leading DL160 Server platform, the Core Systems DL160RS Gen10 Rugged Server is a cost effective, fully rugged 1U compute platform designed to operate in today's most stringent environments. The DL160RS has the latest HPE ProLiant and Intel® Chipset technology offerings, resulting in no compromises and optimal performance for the tactical user.

Offering standard Integrated Lights-Out capabilities for simplified IT infrastructure management, 16 slots for DDR4 memory, eight drives, and two standard NIC ports, the DL160RS Gen10 Rugged Server offers the ideal set of features for meeting your customer's everyday rugged computing needs. The DL160RS Gen10 Rugged Server enables users to start small, and scale easily, as their tactical computing needs grow.

## *The DL160RS Features an Industry Leading Rugged Compute Platform*

**Chassis Height and Depth:** 1U, 22" short depth chassis

**Drive Count:** Eight (8) hot swap removable drive bays (2.5" form factor hard drives or SSD's)

**CPU Series:** Intel® Xeon® E5-2600 v4 processor family

**Power Supply Option:** 900W dual redundant 110/220 VAC Supply, 700W single 28VDC supply

**Open Slot Count:** One (1) full-height, two (2) half-height 3/4 length slots, two (2) half-height 3/4 length slots



## Technical Specifications

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<b>Environmental Specifications:</b>	Operational Temperature Range: MIL-STD-810F/G, Method 501.5, Procedures I/II; -10C to +50C with solid state drives Storage: MIL-STD-810F/G, Method 501.5, Procedures I/II; -40C to +75C Humidity: MIL-STD-810F/G, Method 507.4; 48 hour, 95% RH 40-65C with humidity option Altitude: MIL-STD-810F/G, Method 500.4; 12,500ft operation with 40,000ft transport Vibration: MIL-STD-810F/G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hzz, 60min/axis with solid state drives Shock: MIL-STD-810F/G, Method 516.6, Procedures I/V; 20g, 11msec functional shock; 40g 11msec crash hazard shock Other: MIL-STD-461F/G CE102 & RE102; Meets using CORESYSTEMS optional 461 EMI Kit
<b>Mechanical:</b>	Height - 1.75 in (4.45 cm), Width - 17.75 in (45.08 cm), Depth - 22.00 in (55.88 cm), Weight - 26.5/24.00 lbs (12.02/10.88 kg)
<b>CPU:</b>	Intel® CPU Architecture Options; Intel® Xeon® E5-2600 v4 Processor Family; Upgradable to two (2) processors
<b>Expansion Slots:</b>	One (1) full-height, two (2) half-height 3/4 length slots; Two (2) half-height 3/4 length slots; Multiple PCIe slot combinations available
<b>Drive Bays:</b>	Eight (8) hot swap removable Drive Bays (2.5" form factor hard drives or SSDs); One (1) slim line SATA CD/DVD (R/W) available with SSDs or SAS HDDs
<b>HPE Smart Memory:</b>	16 DIMM Slots (Up to 512GB with 16x32GB DIMMs)
<b>Mounting Options:</b>	20" Slide Rails; Fixed mounting rails front and rear
<b>Power Supply:</b>	900W Dual Redundant 110/220 VAC Supply; 700W Single 28VDC Supply

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## 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 55,000+ square foot facility features onsite engineering, assembly, and testing 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.

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### Core Systems Resources

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