

RUGGED 1U GEN10 DL360RS HPE SERVER

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Rugged System Built for Extreme Environments

The powerful DL360RS GEN10 1U Rugged Short Depth Server is redefining dense compute by delivering security, agility and unmatched expandability for a variety of military environments. All of this with the best memory and I/O expandability—packed in a rugged 1U/2-socket rackmount design.



CUSTOM BUILT RUGGED SYSTEM



8X HOT-SWAP DRIVE

- ▶ ALL-ALUMINUM CHASSIS
- ▶ HPE GEN10 TECHNOLOGY
- ▶ INTEL QUAD/HEXA-CORE CPUS
- ▶ MIL-SPEC TESTED
- ▶ BUILT IN THE USA



The DL360RS GEN10 1U Rugged Short Depth Server supports the Intel® Xeon® Processor Scalable Family with up to 28 cores, plus 2666 MT/s HPE DDR4 SmartMemory supporting up to 3.0 TB max.

With the added performance that 12 NVDIMMs and 10 NVMe brings, the DL360RS GEN10 1U Rugged Short Depth Server means business. To support your heterogeneous tactical IT environment, the DL360RS supports Microsoft® Windows® and Linux® operating systems, as well as VMware® and Citrix® virtualization environments.

For more info on the 1U GEN10 DL360RS, please visit www.core-systems.com

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TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 1.75 in (4.45 cm), Width - 17.75 in (45.08 cm), Depth - 27.5 in (69.85 cm) Weight - 26.5 lbs (12.02 kg)
CPU	Up to (2) Intel® Xeon® Processor Scalable Family up to 28 cores PCIe 3.0, up to three (3) available slot(s) + M.2 on riser
EXPANSION SLOTS	Two (2) low-profile PCIe 3.0 expansion slots + One (1) full height PCIe 3.0 expansion slot Two (2) full height PCIe 3.0 expansion slots
EXTERNAL BAYS	Ten (10) 2.5" SFF hot swap removable drive bays Eight (8) 2.5" SFF hot swap removable drive bays + One (1) slim line SATA CD/DVD RW bay Four (4) 3.5" LFF hot swap removable drive bays + One (1) slim line SATA CD/DVD RW bay
HPE SMART MEMORY	HPE Smart Memory (24) DDR4 6 channels per CPU, up to 2666 MT/s (3.0 TB max1)
POWER SUPPLY	Up to 96% eff. (Titanium) w/Flexible Slot FF and Battery back up Hot Plug Redundant fans with optional High-Performance fans
CHASSIS TYPE	Lightweight aluminum chassis

ENVIRONMENTAL SPECIFICATIONS

OPERATIONAL TEMP.	MIL-STD-810F, Method 501.5 Procedures I/II; -15°C to +55°C
STORAGE TEMP.	MIL-STD-810F, Method 501.5, Procedures I/II; -55°C to +85°C
HUMIDITY	MIL-STD-810F, Method 507.4; 48 Hour, 95% RH 40-65C (with conformal coat option)
ALTITUDE	MIL-STD-810F, Method 500.4; 12,500ft operation with 40,000ft transport
VIBRATION	MIL-STD-810G, Method 514.6 Procedure I; 4.43 GRMS, 5-20000Hz, 60min/axis
SHOCK	MIL-STD-810G, Method 516.6, Procedures I/V; 20g, 11msec - functional shock; 40g, 11msec crash hazard shock
OTHER	MIL-STD-461F CE & RE emissions (with 461 filter option)



ABOUT US

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 65,000+ square foot facility features onsite engineering, assembly, and testing along with a complete metal fabrication and machining facility. Our wide range of rugged products are deployed in ground vehicles, aircraft, and maritime installations worldwide.