



DL360RS Gen9 1U Standard Depth Rugged Server

Based on the HPE Industry-Leading DL360 Server Platform



World-renowned for supporting dense general-purpose computing needs, the Core Systems DL360RS Server just got better. The Gen9 release of this industry-leading server platform delivers increased performance with the best memory and I/O expandability—packed in a rugged 1U/2-socket rackmount design.

Continuing its legacy of reliability, serviceability, and continuous availability, the DL360RS Rugged Server from Core Systems is the ideal choice for:

- Compute-intensive applications – Such as big data, analytics, tactical internet, and more
- Dynamic workloads – Such as high-performance computing, databases, and virtualized mobile cloud; all of these workloads require a top-rate balance of performance, energy-efficiency, and density
- Low-latency and transactional applications – Such as those that have complex requirements for real-time data
- Space-constrained server environments – Such as those used in mission-critical military environments and embedded applications

Rugged 1U Standard Depth

You can manage your DL360RS in any tactical IT environment by automating the most essential server lifecycle management tasks—deploy, update, monitor, and maintain. To support your heterogeneous tactical IT environment, the DL360RS supports Microsoft® Windows® and Linux® operating systems, as well as VMware® and Citrix® virtualization environments.



Technical Specifications

Environmental Specifications:	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
Mechanical:	Height - 1.70 in (4.32 cm), Width - 17.75 in (45.09 cm), Depth - 27.5 in (69.85 cm), Weight - 27-34 lbs (12.25 - 15.42 kg)
CPU Options:	Up to two (2) Intel Xeon E5-2600 v3 or v4 series; 4/6/8/10/12/14/16/18/20/22 cores
Expansion Slot Options:	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
Drive Bay Options:	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
Mounting Options:	Fixed mounting rails front and rear, extend to 30"
Power Supply Options:	Up to 96% efficient (Titanium) with HPE flexible slot power supplies with optional HPE battery backup hot plug fans with full N+1 redundancy

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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Learn about the DL360RS Gen9 1U
Standard Depth Rugged Server here:
<https://core-systems.com/dl360rs-gen9-1u-standard-depth-rugged-server/>

