CORE SYSTEMS



RUGGED DL360RS SERVER

Military-Grade Rugged 1U Rackmount Server

The Rugged **DL360RS** is a 1U rackmount server based on the HPE ProLiant DL360 platform, built for high-performance computing in demanding environments. Featuring a rugged, standard-depth chassis with dual-socket support and tested to military-grade standards, it ensures reliable operation in mission-critical deployments while maximizing compute density in a compact form factor.

Powered by the latest Intel® Xeon® scalable processors, the DL360RS supports high core counts and up to 3TB of HPE DDR4 SmartMemory. With NVMe and NVDIMM storage options and flexible I/O expandability, it delivers the performance and versatility required for defense, aerospace, and industrial applications.

- Application-specific design
- Tested to meet military standards
- Built in the USA

Featured Specifications

CPU
Latest Intel Xeon Scalable Processor

Expansion Slots
Qty: 1, full height

RAM
Up to 2TB

Power
900W

Chassis Type
Aircraft-Grade Aluminum

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 17.75 inches, Depth: 27.50 inches
Weight: 27-34.00 lbs

CPU
Latest Intel Xeon Scalable Processor

RAM
Up to 2TB

Expansion Slots
Qty: 1, full height

External Bays
Qty: 8

USB Ports
Qty: 4

Power Supply
900W

HPE Smart Memory
HPE Smart Memory (24) DDR4 6 channels per CPU
Up to 2666 MT/s (3.0 TB max1)

Chassis Type
Lightweight aluminum chassis

Environmental Specifications

Operational Temperature
-15°C to +55°C; MIL-STD-810F, Method 502.4 Procedure II (Low Temperature) and Method 501.4 Procedure II (High Temperature)

Storage Temperature
-55°C to +85°C; MIL-STD-810F, Method 502.4 Procedure I (Low Temperature) and Method 501.4 Procedure I (High Temperature)

Humidity
MIL-STD-810F, Method 507.4: 95% RH, 48 hours at 40 – 65°C

Altitude
MIL-STD-810F, Method 500.4: 12,500 ft operation; 40,000 ft transport

Vibration
MIL-STD-810G, Method 514.6: 4.43 GRMS, 5-20000Hz, 60 min/axis

Shock
MIL-STD-810G, Method 516.6: 20g, 11ms functional; 40g, 11ms crash hazard

EMC
MIL-STD-461F: CE & RE emissions

Work With Core Systems Today

Core Systems designs and builds rugged servers, displays, mission computers, and integrated cabinet solutions for military and industrial applications. From our 85,000 sq. ft. San Diego facility, we deliver cutting-edge, durable computing solutions for mission-critical needs.



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