CORE SYSTEMS



RUGGED DL360RS SERVER

Military-Grade Rugged 2U Rackmount Server

The Rugged **DL360RS** 2U is a short-depth rackmount server built on the HPE ProLiant DL360 platform, engineered to deliver dense compute performance in demanding environments. Designed with a rugged 21-inch chassis and tested for military applications, it provides enhanced security, flexibility, and reliability for mission-critical deployments where space and durability are essential.

Powered by the latest Intel® Xeon® scalable processors, the DL360RS supports high core counts, up to 3TB of DDR4 SmartMemory, and advanced storage options including NVMe and NVDIMM. With strong I/O and memory expandability in a compact 2U form factor, it is well-suited for defense, aerospace, and industrial applications requiring high-performance, ruggedized computing.

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

Featured Specifications

CPU
Latest Intel Xeon Scalable Processor

Networking
4x1GbE embedded

RAM
Up to 2TB

Power
1600W

Chassis Type
Aircraft-Grade Aluminum

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Technical Specifications

Dimensions
Height: 3.50 inches, Width: 17.75 inches, Depth: 21.00 inches
Weight: 31.00 lbs

CPU
Latest Intel Xeon Scalable Processor

RAM
Up to 2TB

USB Ports
Qty: 3

Networking
4x1GbE embedded + Choice of FlexibleLOM or Standup cards

Power Supply
500W AC, 800W, 1600W

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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