



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

4×1GbE embedded

RAM

Up to 2TB

Power

1600W

Chassis Type

Aircraft-Grade Aluminum



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

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

Storage Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

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

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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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