RUGGED RPS217D LAPTOP

MILITARY-GRADE LAPTOP

CORE SYSTEMS

The Core Systems RPS217D is a rugged MIL-Spec 16-core portable server with a durable aluminum chassis, 17.3" HD LCD, 16-core Xeon CPU, 128GB RAM, and dual SSD drives, built for extreme environments.

- ✓ Engineered for extreme conditions
- ✓ Tested to military standards
- ✓ 16-Core Xeon CPU
- ✓ Server-level power

RUGGED PORTABLE SERVER

We work with you to meet your mission's requirements and specifications for your rugged laptop. These portable servers are application-specific and provide rugged versatility and power. Contact Core Systems today for more information.

RUGGED RPS217D LAPTOP

TECHNICAL SPECIFICATIONS

DIMENSIONS
Height: 4.04" | **Depth:** 11.40" | **Width:** 16.50"
Weight: 13 lbs

CPU
Latest Generation Intel® Xeon Scalable CPU
16-Core, 32 Threads

STORAGE
Qty 2, 2.5" SSD Drives
Supports 3.84TB, 7.68TB, 15.36TB capacity SSD drives
FIPS 140-2 Options Available
Onboard CAC reader

MEMORY
Supports up to 128GB DDR4 RAM

DISPLAY
17.3" TFT LCD FHD (1920 x 1080)

ENVIRONMENTAL TESTING

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

ABOUT CORE SYSTEMS

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 85,000+ 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.

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