



RUGGED RPS215D LAPTOP

Military-Grade Rugged Laptop

The **RPS215D** Rugged Laptop is a portable, ruggedized server built for high-performance computing in extreme conditions. Its aircraft-grade aluminum chassis features a 15.6-inch FHD screen, sealed keyboard with touchpad and CAC reader, and meets MIL-SPEC standards for durability with optional EMI filtering. Weighing 18 lb, it's built for tactical edge applications and rapid deployment in demanding environments.

Powered by the latest Intel® Xeon® scalable processors, up to 128 GB ECC memory, and eight hot-swappable SSD bays, the RPS215D delivers robust compute and storage capabilities. With dual 10 GbE and dual 1 GbE LAN, USB 3.0, IPMI 2.0, and optional security and interface expansions, it provides reliable, adaptable performance for mission-critical operations.

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

Featured Specifications

Dimensions

Height: 3.75" | Depth: 11.00" | Width: 15.00"

Display

15.6" HD LCD

CPU

Latest Intel Xeon Scalable Processor

RAM

Up to 128GB & dual SSD drives

Power

Power options available



Technical Specifications

Dimensions

Height: 3.75 inches, Width: 15.00 inches, Depth: 11.00 inches
Weight: 18.00 lbs

Display

15.6" HD LCD

Resolution

1920 × 1080

CPU

Latest Intel Xeon Scalable Processor

RAM

128GB

Power

100/240VAC, 150W

I/O & Connectivity

Qty 2 × 10GbE LAN; Qty 2 × 1GbE LAN, Qty 2 x USB 3.0;
CAC reader; AST2400 graphics; IPMI 2.0 port; Optional
Serial port; Optional TPM 2.0 module

Storage SSD

8 × 2.5" SSD

Pointing Device

Integrated touchpad

Brightness

400 nits

Chassis

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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