



RUGGED RPS211 LAPTOP

Military-Grade Rugged Laptop

The **RPS211** Rugged Laptop delivers server-class performance in the field, Powered by the latest Intel® Xeon® scalable processors, up to 128 GB RAM, and dual SSDs. Its 11.6" Full HD display is built into a machined aircraft-grade aluminum chassis, with a versatile I/O suite including dual Gigabit Ethernet, USB 3.0, eSATA, CAC reader, IPMI 2.0 port, and optional serial and TPM 2.0 support. A universal 100–240 VAC adaptor ensures compatibility in varied power environments.

Engineered to meet MIL-STD-810 standards, the RPS211 operates from -15 °C to +55 °C, withstands high humidity, altitude, vibration, and shock, and can be optionally MIL-STD-461F compliant for EMI control. Its rugged build ensures reliability in mission-critical, harsh-environment deployments.

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

Featured Specifications

Dimensions

Height: 2.87" | Depth: 11.64" | Width: 12.40"

Display

11.6" HD LCD

CPU

Latest Intel Xeon Scalable Processor

RAM

Up to 128GB & dual SSD drives

Power

Power options available



Technical Specifications

Dimensions

Height: 2.87 inches, Width: 11.64 inches, Depth: 12.40 inches
Weight: 12.40 lbs

Display

11.64" HD LCD

Resolution

1920 × 1080

CPU

Latest Intel Xeon Scalable Processor

RAM

128GB

Power

100/240VAC, 120W

I/O & Connectivity

2x GbE LAN; 2x USB 3.0; CAC Reader; eSATA port; AST2400 Graphics Processor; IPMI 2.0 port; Optional Serial Port; RS-232; Optional TPM 2.0 module

Storage SSD

Dual SSD drives

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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