CORE SYSTEMS



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

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RUGGED RPS211 LAPTOP



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 x 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

Enviromental 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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