RUGGED RPS211D LAPTOP

Military-Grade Rugged Laptop

The **RPS211D** is a rugged MIL-Spec portable server built with a machined aircraft aluminum chassis for demanding military, aerospace, and industrial environments. Featuring an 11.6" full HD display with optically bonded anti-reflective glass, a waterproof membrane keyboard, sealed touchpad, and integrated CAC reader, the RPS211D is engineered for high shock, vibration, and temperature conditions.

Powered by the latest Intel® processors, the RPS211D supports high-capacity DDR4 memory and up to eight hot-swappable 2.5" SSDs with onboard RAID for secure, storage-intensive applications. With server-class performance in a rugged portable form factor, it is ideal for mission-critical deployments requiring durability, mobility, and reliable computing in the field.

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

Featured Specifications

Dimensions
Height: 3.75″ | **Depth:** 11.64″ | **Width:** 12.40″

Display
11.6″ HD LCD

CPU
Latest Intel Xeon Scalable Processor

RAM
Up to 128GB

Power
Power options available

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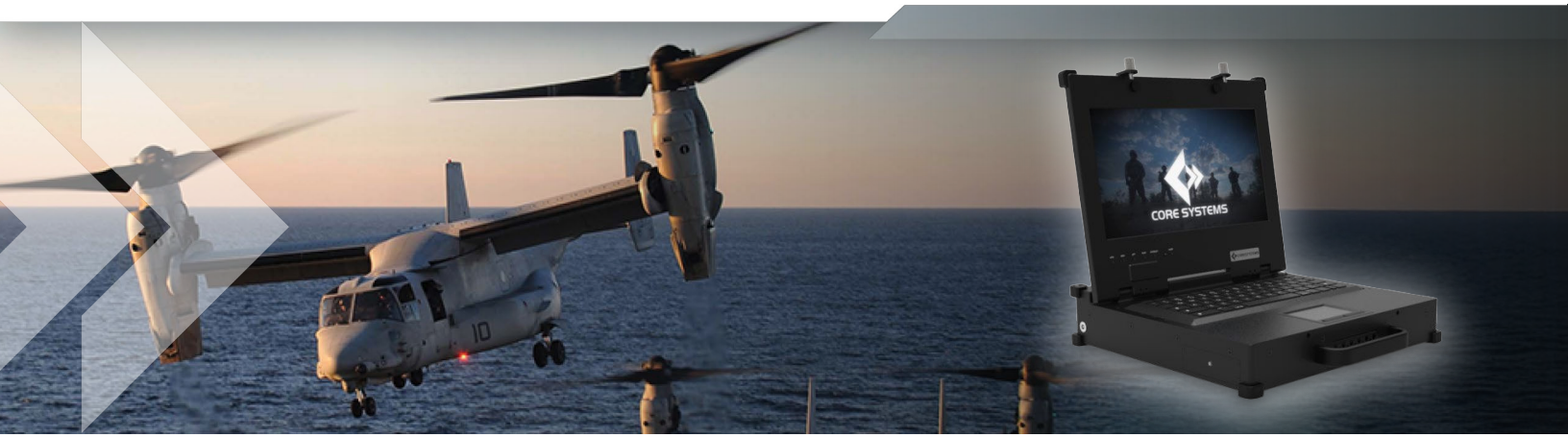
CORE SYSTEMS

RUGGED RPS211D LAPTOP



Technical Specifications

Dimensions
Height: 3.75 inches, Width: 12.40 inches, Depth: 11.64 inches
Weight: 16.20 lbs

Display
11.6" HD LCD

Resolution
1920 × 1080

CPU
Latest Intel Xeon Scalable Processor

RAM
128GB

Power
100/240VAC, 120W

Storage SSD
8× 2.5" SSD

Input Interface
Waterproof membrane 88-key keyboard
Sealed 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

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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