

# **RPS211D RUGGED PORTABLE SERVER**

#### MILITARY-GRADE PORTABLE COMPUTER

The Core Systems RPS211D is a rugged MIL-Spec 16-Core laptop with a machined aircraft aluminum chassis designed to thrive in hostile environments. With a 16-Core CPU, 128GB RAM and up to 8 hot-swap SSDs, the RPS211D is unrivaled in rugged laptop performance.





The RPS211D comes equipped with a 11.6" full HD display, sealed keyboard with touchpad and CAC reader. This rugged laptop is engineered for high shock/vibration and temperature. The integrated Intel Xeon 16-Core processor provides true server-class performance while utilizing the onboard PCIe RAID card for high security storage intensive applications.

For more info on the RPS211D, please visit www.core-systems.com



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#### **TECHNICAL SPECIFICATIONS**

KEYBOARD/MOUSE	Waterproof membrane 88-key keyboard; Sealed Touchpad
DISPLAY	11.6" TFT LCD FHD (1920 X 1080); 400 NITS; A/R optically bonded glass
1/0	Optional Serial Port; RS-232; Optional TPM 2.0 module
,	2x GbE LAN; 2x USB 3.0; CAC Reader; eSATA port; AST2400 Graphics Processor; IPMI 2.0 port;
STORAGE	8x 2.5" SSD Drives (Supports 1.98TB, 3.84TB, 7.68TB capacity SSD drives) w/ Onboard CAC Reader
MEMORY	Supports up to 128GB DDR4 RAM
	Optional 12-Core or 8-Core CPU
CPU	Intel Hyper-Threading with Turbo Boost
	16-Core, 32 Threads
MECHANICAL	Intel Xeon Processor D-1587
	Weight - 16.2 lbs (5.30 kg)
MECHANICAL	Height - 3.75 in (9.52 cm), Width - 12.4 in (31.5 cm), Depth - 11.65 in (46.7 cm)

### **ENVIRONMENTAL SPECIFICATIONS**

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; 40g, 11msec crash hazard shock
OTHER	MIL-STD-461F CE & RE emissions (with 461 filter option)



### **ABOUT US**

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 65,000+ 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.