

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.



CUSTOM BUILT RUGGED SYSTEM



16X CORE CPU

- ▶ AIRCRAFT ALUMINUM CHASSIS
- ▶ INTEL XEON TECHNOLOGY
- ▶ MIL-SPEC TESTED
- ▶ BUILT IN THE USA



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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THE EMBEDDED EDGE

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RPS 211D RUGGED PORTABLE SERVER

TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 3.75 in (9.52 cm), Width - 12.4 in (31.5 cm), Depth - 11.65 in (46.7 cm) Weight - 16.2 lbs (5.30 kg)
CPU	Intel Xeon Processor D-1587 16-Core, 32 Threads Intel Hyper-Threading with Turbo Boost Optional 12-Core or 8-Core CPU
MEMORY	Supports up to 128GB DDR4 RAM
STORAGE	8x 2.5" SSD Drives (Supports 1.98TB, 3.84TB, 7.68TB capacity SSD drives) w/ Onboard CAC Reader
I/O	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
DISPLAY	11.6" TFT LCD FHD (1920 X 1080); 400 NITS; A/R optically bonded glass
KEYBOARD/MOUSE	Waterproof membrane 88-key keyboard; Sealed Touchpad
POWER	AC adapter (120W, 100-240V, 50/60Hz); Triple Li-Ion Smart Batteries (6600mAh each)

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)


CORE SYSTEMS
 ENGINEERED TO PERFORM

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.