

RPS217D-X22 RUGGED PORTABLE SERVER

MILITARY-GRADE PORTABLE COMPUTER

The Core Systems RPS217D-X22 is a rugged MIL-Spec Dual 22-Core portable server with a machined aircraft aluminum chassis designed to thrive in hostile environments. With two Intel Xeon 22-Core CPUs, 512GB RAM and 10x 2.5" SSD drives, the RPS217D-X22 is unrivaled in rugged portable computing performance.



CUSTOM BUILT RUGGED SYSTEM



DUAL 22X CORE CPU

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



Each Core Systems RPS217D-X22 is engineered for extreme conditions and can withstand high shock drops. With two on-board Intel Xeon 22-Core processors, this rugged portable server provides true server-class performance where the competition can only provide desktop-class performance.

For more info on the RPS217D-X22, please visit www.core-systems.com

RPS217D-X22 RUGGED PORTABLE SERVER

TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 4.70 in (11.93 cm), Width - 16.25 in (41.27 cm), Depth - 13.0 in (33.02 cm) Weight - 24 lbs (10.8 kg)
DUAL CPU	2x Intel Xeon Scalable Processors 2x 22-Core, 44 Threads (total: 44-Core, 88 Threads) Intel Hyper-Threading with Turbo Boost Optional 20-Core or 18-Core CPU
MEMORY	Supports up to 512GB Registered ECC RDIMM, DDR4-2666MHz RAM
STORAGE	10x 2TB 2.5" SSD Drives (supports 1.92TB, 3.84TB, 7.68TB or 15.36TB capacity SSD Drives) w/ onboard CAC reader
I/O	10GB 4 Port NIC; 4x USB 3.0 Ports
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)



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.