

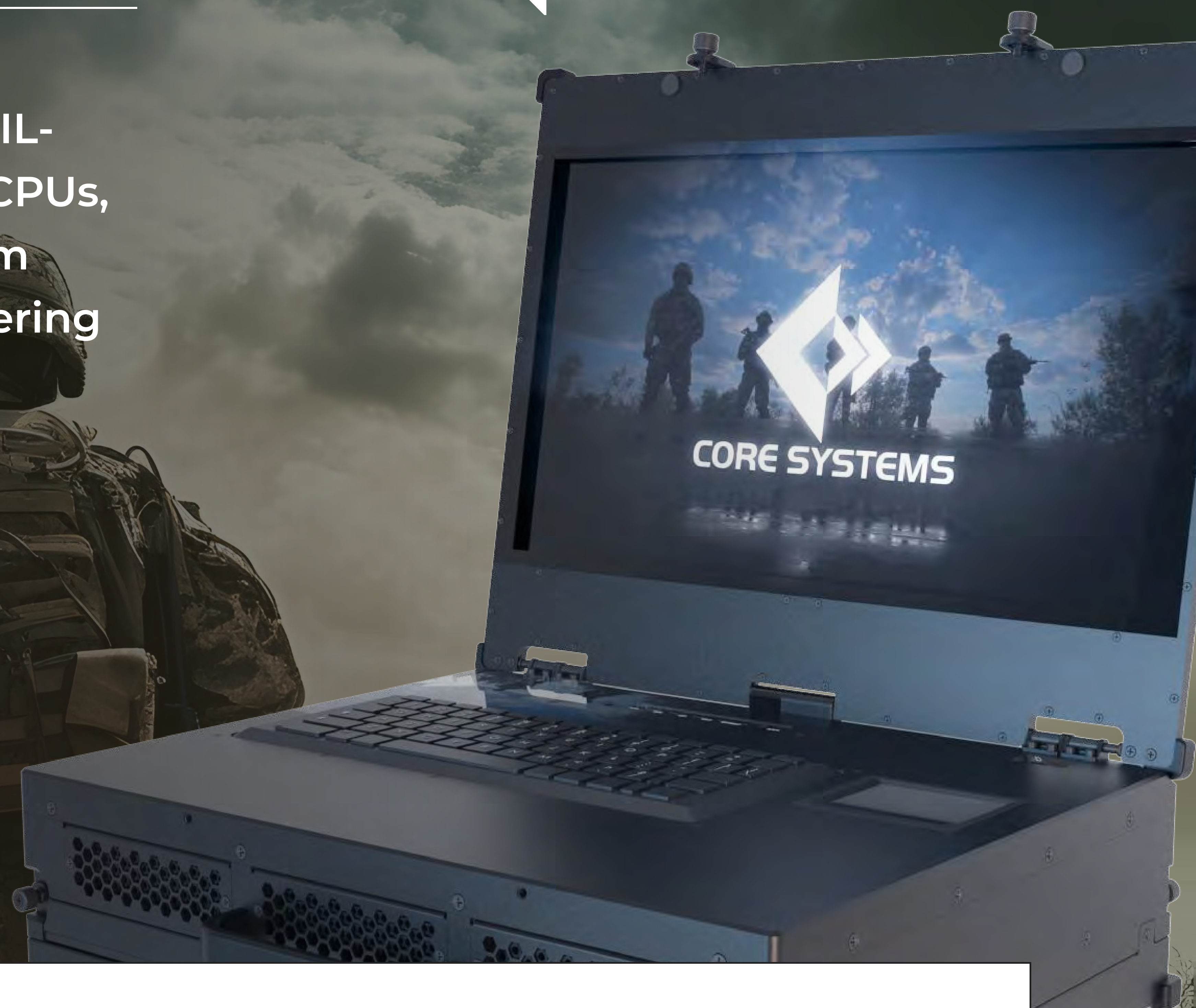
RUGGED RPS217D-X22

MILITARY-GRADE LAPTOP



The Core Systems RPS217D-X22 is a rugged MIL-Spec portable server with dual 22-core Xeon CPUs, 512GB RAM, and 10 SSDs. Its durable aluminum chassis is built for extreme environments, offering top-tier performance.

- ✓ Engineered for extreme conditions
- ✓ Tested to military standards
- ✓ Dual 22-Core Xeon CPU
- ✓ Server-level power



RUGGED PORTABLE SERVER

Both the chassis and system configuration can be customized to meet your specific program requirements. Contact Core Systems today if you require further reference material on our testing documents and procedures.



unitronix
THE EMBEDDED EDGE

Office 102 Milton Keynes Business Centre, Hayley Court,
Foxhunter Drive, Linford Wood, Milton Keynes, MK14 6GD

+44 (0) 1908 698810
sales@unitronix.co.uk www.unitronix.co.uk

RUGGED RPS217D-X22



TECHNICAL SPECIFICATIONS

DIMENSIONS

Height: 4.70 | **Depth:** 13.00" | **Width:** 16.50"

Weight: 24 lbs

CPU

2x Latest Generation Intel® Xeon Scalable CPU

2x 22-Core, 44 Threads

STORAGE

10x 2TB 2.5" SSD Drives (supports 1.92TB, 3.84TB, 7.68TB or 15.36TB capacity SSD Drives) w/ onboard CAC reader

MEMORY

Supports up to 512GB DDR4 RAM

DISPLAY

17.3" TFT LCD FHD (1920 x 1080)



ENVIRONMENTAL TESTING

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

ABOUT CORE SYSTEMS

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 85,000+ 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.

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