CORE SYSTEMS

RUGGED MLD-1920 DISPLAY

Military-Grade LCD Display

The **MLD-1920** from Core Systems is a rugged 1U rackmount LCD keyboard drawer built for military, industrial, and tactical environments where space, durability, and performance are critical. It features a 19″ layflat LCD display with a native 1920 × 1080 resolution for sharp, high-definition visuals. The unit integrates a sealed keyboard and a rugged Hulapoint pointing device for reliable input in harsh conditions.

Built in a lightweight all-aluminum chassis and tested to MIL-STD-810 standards, the MLD-1920 includes a reinforced quick-release cable retention arm and supports both VGA and DVI video inputs. Optional 8- or 16-port KVM switch configurations with on-screen display (OSD) provide streamlined control of multiple systems in compact, mission-critical deployments.

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

Featured Specifications

Dimensions
Height: 1.75″ | Depth: 25.00″ | Width: 19.00″
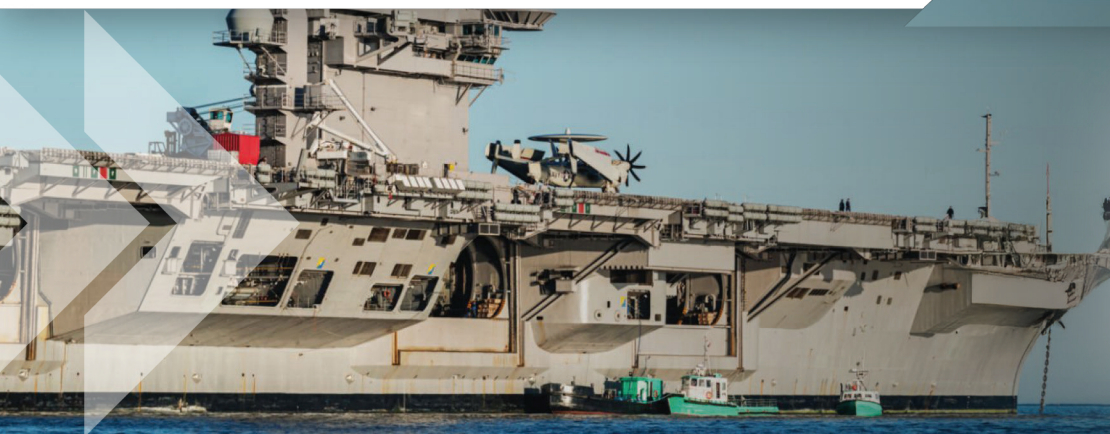
Display
Clamshell 19″ display

Resolution
1920 × 1080

Display Input
RGB/DVI/HDMI/HD-SDI/S-Video
Composite (Configurable)

Power
Power options available

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 19.00 inches, Depth: 25.00 inches
Weight: 24.00 lbs

Display
Clamshell 19″ display

Resolution
1920 × 1080

Display Input
RGB/DVI/HDMI/HD-SDI/S-Video/Composite (Configurable)

Power
Power options available

KVM Options
4 or 8-port KVM for use with multiple computers in a single rack

Pointing Device
Hulapoint pointing device

Brightness
400+ Nits

Color Depth
16.7M

Chassis
Lightweight aluminum chassis

Enviromental 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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