



RUGGED MLD-1 DISPLAY

Military-Grade LCD Display

The rugged **MLD-1** from Core Systems is a 1U rackmount LCD drawer designed for tactical and industrial applications where space efficiency and durability are critical. It features a 19" layflat clamshell display with a native resolution of 1280 × 1024 and supports both DVI and VGA inputs. A built-in Hulapoint pointing device and optional 4- or 8-port KVM enable streamlined control across multiple systems in a single rack.

Built in a rugged aluminum chassis with a 25-inch depth, the MLD-1 includes a reinforced quick-release cable retention arm and offers options for anti-reflective glass. Designed for demanding field use, it ensures dependable performance in mission-critical environments.

- Reinforced quick-release cable retention arm
- 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

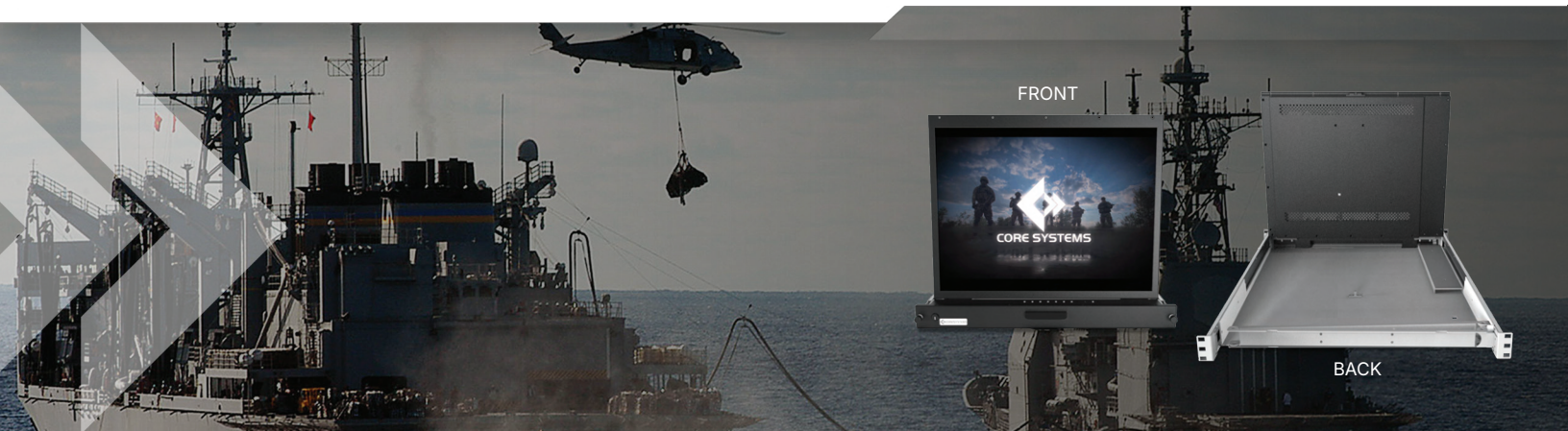
SXGA 1280 X 1024

Display Input

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

Power

Power options available



Technical Specifications

Dimensions

Height: 1.75 inches, Width: 19.00 inches, Depth: 25.00 inches
Weight: 35.00 lbs

Display

Clamshell 19" display

Resolution

SXGA 1280 X 1024

Display Input

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

Power

Power options available

KVM Option

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

Environmental 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.

Core Systems

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