

MLD2 - 2U DUAL 19" LCD DISPLAY

Rugged System Built for Extreme Environments

The rugged MLD2 is a rugged 2U Rackmount LCD with side-by-side dual 19" LED Displays. The triple LED display features zero defects out of the box, a sealed full travel keyboard and an integrated touchpad or trackball pointing device.



**CUSTOM BUILT
RUGGED DISPLAY**



DUAL 19" PULL-OUT LCD

- ▶ **SUNLIGHT READABLE**
- ▶ **MOUNTING/POWER OPTIONS**
- ▶ **2X HD LCD DISPLAYS**
- ▶ **MIL-SPEC TESTED**
- ▶ **BUILT IN THE USA**



The dual 19" display has a native pixel resolution of 1280 x 1024 and is built with anti-reflective glass. The SWaP-Optimized MLD2 utilizes 2U height and is less than 20 inches deep. With an industry-leading rugged design, this dual 19" panel mount LCD is perfect for missions of all kind.

For more info on the MLD2 LCD display, please visit www.core-systems.com

unitronix
THE EMBEDDED EDGE

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TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 1.75 in (4.45 cm) Width - 19.00 in (48.26 cm) Depth - 25 in (63.5 cm) Weight - 35 lbs (15.87 kg)
DISPLAY SIZE	19" HD LCD
RESOLUTION	SXGA 1280 X 1024
DISPLAY INPUT	Standard D-sub 15-pin VGA; DVI-D x 1
KVM OPTION	8 or 16 Port Integrated KVM w/ OSD
OSD	Contrast/Brightness, Autosetting, Clock/Phase, Horizontal/Vertical, Position/Expansion/OSD, Text/Graph, Mode Selection, Color Temperature
POWER	110-220V, 54W max, 46W typ; 24-29VDC option available

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.