

MLD2K - 2U DUAL 19" LCD & KEYBOARD

Rugged System Built for Extreme Environments

The rugged MLD2K from Core Systems features dual 19" LCD displays in a side-by-side configuration. Both of the dual LCDs have independent DVI and VGA inputs. The MLD2K comes with a keyboard and tracking device options and has additional options for A/R protective glass, EMI filters, and resistive or capacitive touchscreen.



**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 MLD2K is a dual LCD display that is designed for deployment into the harshest of environments. The dual 19" display has a native pixel resolution of 1280 x 1024 and is built with anti-reflective glass. The SWaP-Optimized MLD2K utilizes 2U height and is 28 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 MLD2K LCD/Keyboard, please visit www.core-systems.com

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THE EMBEDDED EDGE

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TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 3.5 in (8.89 cm) Width - 19.00 in (48.26 cm) Depth - 28 in (71.12 cm) Weight - 39.5 lbs (17.91 kg)
DISPLAY SIZE	2x 19" HD LCD
RESOLUTION	SXGA 1280 X 1024
KEYBOARD	Low Profile, Full Key Size Water Resistant Splash Guard
POINTING DEVICE	Resolution: 130 DPI; Ball Size: 16mm; Two programmable button mouse keys
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.