

MPM17 - 17" PANEL MOUNT LCD DISPLAY

Rugged System Built for Extreme Environments

The rugged MPM17 is a rugged 17" panel mount LCD with a full on screen display (OSD). The screen is built with anti-reflective glass and has a native resolution of 1280 x 1024. The MPM17 is complete with a full on screen display and 8 or 16 port integrated KVM.



**CUSTOM BUILT
RUGGED DISPLAY**



MISSION-READY PANEL MOUNT

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



The rugged MPM17 is shock mounted and has been tested to meet DO-160E standards. Our LCDs go under rigorous MIL-Spec testing to ensure the highest quality. The SWaP-Optimized MPM17 utilizes 8U height and is less than 2 inches deep. With an industry-leading rugged design, this 17" panel mount LCD is perfect for missions of all kind.

For more info on the MPM17 17" LCD display, please visit www.core-systems.com

MPM17 - 17" PANEL MOUNT LCD DISPLAY

TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 13.92 in (35.35 cm) Width - 17.24 in (43.78 cm) Depth - 1.9 in (4.8 cm) Weight - 14.2 lbs (6.44 kg)
DISPLAY SIZE	17" HD LCD
RESOLUTION	SXGA 1280 X 1024
DISPLAY INPUT	DVI-D x 1 USB-A x 1 Mil-Circular Power Connector
OSD	Contrast/Brightness, Autosetting, Clock/Phase, Horizontal/Vertical, Position/Expansion/OSD, Text/Graph, Mode Selection, Color Temperature
POWER	50W 18-36V DC

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.