

# G219 - RUGGED CLAMSHELL LCD & KEYBOARD

## Rugged LCD/Keyboard Built for Extreme Environments

The rugged G219 from Core Systems is an industry leading rugged 19" rackmount LCD & Keyboard in a 1U form factor. Its clamshell display configuration features an integrated kill switch for all onboard electronics, reinforced quick release cable retention arm, and an integrated touchpad or trackball pointing device for either PS/2 or USB host.



## CUSTOM BUILT RUGGED DISPLAY



### CLAMSHELL LCD

- › SUNLIGHT READABLE
- › MOUNTING/POWER OPTIONS
- › 1280X1024
- › MIL-SPEC TESTED
- › BUILT IN THE USA



The 19" display has a native pixel resolution of 1280 x 1024 and is built with anti-reflective glass. The rugged G2 Series LCD is the shortest and lightest combination DVI and VGA input 1U clamshell display in the industry.

**For more info on the Rugged G219 display, please visit [www.core-systems.com](http://www.core-systems.com)**

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## TECHNICAL SPECIFICATIONS

MECHANICAL	Height - 1.75 in (4.45 cm) Width - 19 in (48.26 cm) Depth - 19.00 in (48.26 cm) Weight - 24 lbs (10.88 kg)
DISPLAY SIZE	19" LCD
RESOLUTION	SXGA 1280 X 1024
DISPLAY INPUT	Standard D-sub 15-pin VGA DVI-D x 1
OSD	Contrast/Brightness, Autosetting, Clock/Phase, Horizontal/Vertical, Position/Expansion/OSD, Text/Graph, Mode Selection, Color Temperature
POWER	100-240V, 50/60 Hz, 2.0A 24-28VDC 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.