CORE SYSTEMS



RUGGED 1U G217 DISPLAY

Military-Grade LCD Display

The rugged **G217** from Core Systems is a 1U rackmount LCD drawer built for military, aerospace, and industrial applications needing compact, mission-ready displays. It features a 17" clamshell LCD with Full HD 1920 x 1080 resolution, supporting DVI, VGA, and optional HDMI, HD-SDI, and composite inputs for seamless integration into diverse mission systems. Housed in a robust aluminum chassis with a 17-inch depth, it's ideal for rack environments where space and reliability are critical.

Equipped with a reinforced quick-release cable retention arm and integrated kill switch, the G217 is tested to MIL-STD-810 for temperature, shock, vibration, and humidity, ensuring dependable performance in harsh field conditions. Made in the USA, it delivers rugged durability for mission-critical operations.

- Application-specific design
- Tested to meet military standards
- Built in the USA

Featured Specifications

Dimensions
Height: 1.75″ | **Depth:** 17.00″ | **Width:** 19.00″

Display
Clamshell 17″ display

Resolution
Full HD 1920 × 1080

Display Input
DVI and VGA input

Power
Power options available

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Technical Specifications

Dimensions
Height: 1.75 inches, Width: 19.00 inches, Depth: 17.00 inches
Weight: 24.00 lbs

Display
Clamshell 17" display

Resolution
1920 × 1080

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

Power
Power options available

Pointing Device
Integrated touchpad or trackball pointing device

Brightness
400+ Nits

Color Depth
16.7M

Chassis
Lightweight aluminum chassis

Enviromental Specifications

Operational Temperature
-15°C to +55°C; MIL-STD-810F, Method 502.4 Procedure II (Low Temperature) and Method 501.4 Procedure II (High Temperature)

Storage Temperature
-55°C to +85°C; MIL-STD-810F, Method 502.4 Procedure I (Low Temperature) and Method 501.4 Procedure I (High Temperature)

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.

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