



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



## 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

## Environmental Specifications

### Operational Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

### Storage Temperature

MIL-STD-810F, Method 501.5, Procedures I/II: -15°C to +55°C

### 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.

### Core Systems

13000 Danielson St  
Poway, CA 92064

