



CORE SYSTEMS



## RUGGED 1U G219-RSS DISPLAY

### Military-Grade LCD Display

The Rugged **1U G219-RSS** from Core Systems is a durable clamshell display and keyboard unit built for mission-critical rackmount deployments. It features a 19" Full HD (1920 × 1080) LCD with anti-reflective, sunlight-readable glass for clear visibility in demanding environments. Built into a rugged 1U chassis, it includes VGA and DVI inputs, USB interface, a quick-release cable retention arm, and a built-in kill switch for added security.

Tested to MIL-STD-810 and MIL-STD-461F standards, the G219-RSS withstands extreme temperatures, shock, vibration, humidity, and EMI. Its compact 1.75" × 19" × 19" steel enclosure weighs approximately 24 lbs, optimized for SWaP-sensitive deployments. Optional features like a touchpad or trackball, EMI shielding, and cable retention enhancements support a wide range of defense and industrial applications.

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

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### Featured Specifications

#### Dimensions

Height: 1.75" | Depth: 19.00" | Width: 19.00"

#### Display

Clamshell 19" 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: 19.00 inches  
Weight: 24.00 lbs

### Display

Clamshell 19" display

### Resolution

Full HD 1920 × 1080

### Display Input

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

### Power

Power options available

### Pointing Device

Integrated touchpad or trackball

### 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

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