



## RUGGED 1U G219 DISPLAY

### Military-Grade LCD Display

The Rugged **1U G219** from Core Systems is a compact clamshell display designed for mission-critical use in demanding environments. It features a 19" Full HD LCD with 1280×1024 resolution in a low-profile 1U rackmount chassis. With DVI and VGA inputs, a reinforced quick-release cable arm, and an integrated kill switch, the G219 offers reliable performance and flexible system integration.

Engineered to meet MIL-STD environmental and EMI standards, the G219 is ideal for defense, aerospace, and industrial applications. At just 1.75" high and 19" deep, and weighing around 24 lbs, it's optimized for space-limited deployments. Optional upgrades include touchscreen functionality, anti-reflective glass, and EMI shielding for enhanced field performance.

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

### Featured Specifications

#### Dimensions

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

#### Display

Clamshell 19" display

#### Resolution

1280×1024

#### Display Input

DVI and VGA input

#### Power

110VAC (DC 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

1280x1024

### Display Input

VGA/DVI

### Power

110VAC (DC options available)

### Pointing Device

Integrated touchpad

### 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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