CORE SYSTEMS



RUGGED MP19W DISPLAY

Military-Grade Rugged Display

The **MP19W** is a rugged 19-inch widescreen rackmount LCD display designed for military, industrial, and tactical environments where durability and clarity are essential. With a 1440 × 900 anti-reflective screen, it delivers high-quality visuals with wide viewing angles and configurable RGB, DVI, HDMI, HD-SDI, S-Video, and Composite inputs. Shock-mounted and tested to DO-160E and MIL-STD-810F standards, the MP19W's 8U, sub–2-inch design ensures reliable operation in demanding conditions.

Built for mission-critical applications, the MP19W includes full on-screen display (OSD) controls and optional 8 or 16-port KVM configurations for streamlined management. Compact, durable, and engineered for extreme environments, it is ideal for defense, aerospace, and industrial deployments requiring rugged widescreen display performance.

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

Featured Specifications

Dimensions
Height: 14.00" | **Depth:** 1.75" | **Width:** 19.75"

Display
19" HD LCD

Resolution
1440 x 900

Display Input
Standard D-sub 15-pin VGA; DVI-D x 1

Power
Power options available

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Technical Specifications

Dimensions
Height: 14.00 inches, Width: 19.75 inches, Depth: 1.75 inches
Weight: 29.00 lbs

Display
19" HD LCD

Resolution
1440 x 900

Display Input
Standard D-sub 15-pin VGA; DVI-D x 1

Power
Power options available

KVM Options
Full on-screen display (OSD)
8 or 16-port integrated KVM.

Brightness
400+ Nits

Protective Glass
Anti-reflective, optically bonded

Color Depth
16.7M

Chassis
Lightweight aluminum chassis

Environmental 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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