



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

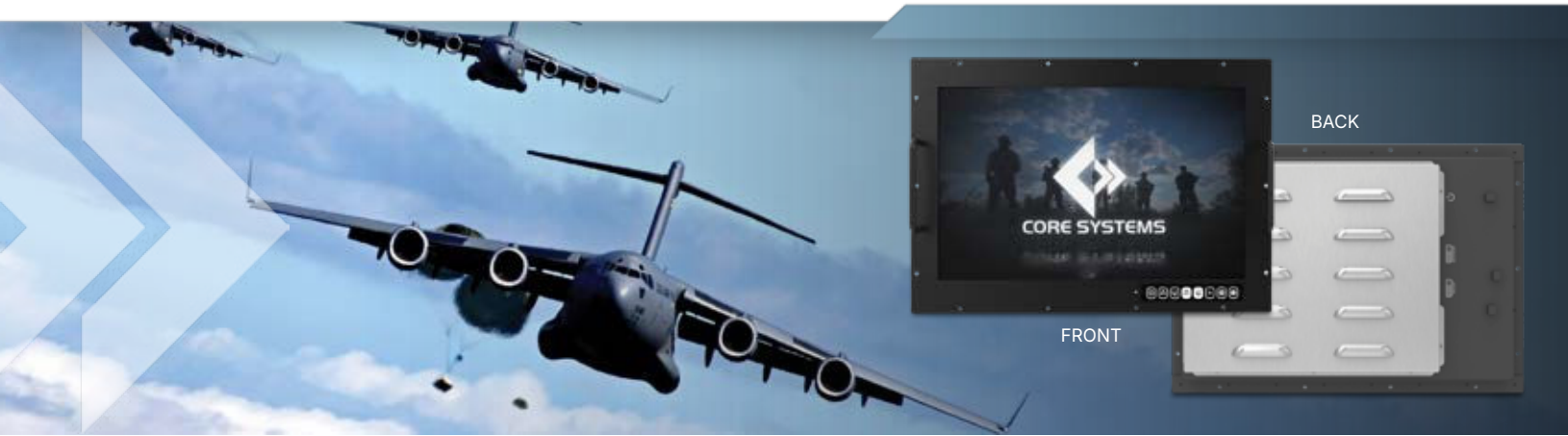
1440 × 900

Display Input

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

Power

Power options available



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 × 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

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

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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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