



CPX

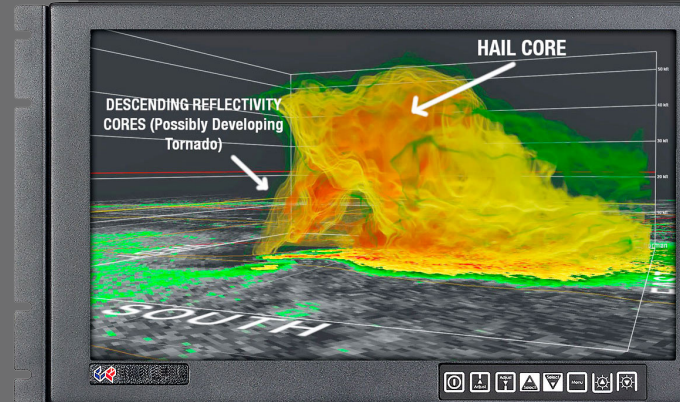
RACKMOUNT
PANEL
DISPLAY

The CPX2-173 provides a high performance, rack mount 6U TFT Wide Screen LCD display with 1920 x 1080 resolution. Offered is a standard brightness or daylight viewable hibright LCD. Various LCD enhancements such as an oleophobic antireflective and/or ITO EMI bonded overlay and a RhinoTouch touch screen can be specified.

Electrical components are selected for their inherent ruggedness and revision control, and there is locking stainless hardware throughout.

KEY SPECIFICATIONS

DIMENSIONS	19" X 10.47" X 3.2" (482.6mm X 265.9mm X 81.3mm)
SHIPPING WEIGHT	9.7lbs (4.39985kg)
CONSTRUCTION	High-strength 5052-H32 aircraft-grade aluminum
POWDERCOATING	Black per MIL-PRF-24712, Type IV, Class 3, Cardinal C214-BK110 polyester semi-gloss, fine texture
PLATING	Chem-Film per MIL-C-5541F, Class 1A
MOUNTING	Rack mounting, panel mounting, VESA 100
RESOLUTION	1920 x 1080
BRIGHTNESS	400 cd/m2 (1000 cd/m2 with Hi-Bright)
COLORS	16.7M



Who We Are

CP Systems designs, fabricates and integrates standard and customized high-performance computing platforms and LCD monitors for military, industry, and commercial applications.

Using COTS components, CP Systems provides solutions for customers who need reliable systems that will operate in a variety of harsh conditions and who require revision control and hardware consistency for multi-year programs.

CP Systems is an ITAR Registered and ISO 9001:2015 Certified business that has been operating for over twenty years.

Assembled in the USA
ISO 9001:2015 Certified
ITAR Registered

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ADDITIONAL SPECIFICATIONS

SCREEN DIAGONAL	17.3"
CONTRAST RATIO	600:1
VIEWING ANGLE	80° (L/R/U/D)
RESPONSE TIME	40ms
BACKLIGHT	LED
POWER INPUT	AC input 85 to 264VAC, 1275/704 28VDC
POWER DISSIPATION	42 Watts (49 Watts with Hi-Bright)
EXTERIOR POWER JACK	Yes (optional)
STANDARD INPUTS	VGA DVI-D PAL/NTSC/SECAM HD-SDI - SMPTE259M, 4.2.2 HDMI 1.3
OPTIONAL INPUTS	Display Port SDI Re-Clock Loop Output Composite HD Component YPbPr SD Component YCbCr

FEATURES

Image Up-Scaling
Image Down-Scaling
Picture-in-Picture
Memory Buffer
Sync on Green/Composite
Ethernet Command Protocol
Picture-by-Picture
Text Overlay Function
Variable Aspect
Freeze and Zoom
Programmable Hotkeys

QUESTIONS?

Reach out to us at
CP-Systems.Tech
or call 858.571.4330

ENGINEERED TO YOUR SPECIFICATIONS

- In-house engineering department
- Design and build of rapid prototypes. Experience with solving difficult customer application problems through knowledge of the industry and custom system design and manufacturing capability
- Our Engineers use Solid Works 3D CAD modeling software for mechanical design and thermal simulation
- Design experience with MIL-STD-167, MIL-STD-461, MIL-STD-810, and MIL-DTL-901, in addition to FCC, UL, CE, and country specific agency requirements

FACILITY AND TEST

- All integration work is performed in a state-of-the-art, ESD-controlled facility
- Our facility has 23,000 sqft and has dedicated 12,000 sqft to manufacturing and 3,000 sqft to engineering
- Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

REVISION CONTROL & CONFIGURATION MANAGEMENT

- Our Program Managers will assure your products are revision controlled for the life of the program
- Configuration Management to assure TAA Compliance and system compatibility
- One part number for life of the program
- Counterfeit and obsolescence management

QUALITY COUNTS

- ISO 9001:2015 Certified
- 100% system inspection before shipment
- All integrated systems undergo a minimum 24-hour system test and burn-in before shipment to the customer
- Assistance with 3rd party verification of system specifications
- 5-year warranty on all servers and 3-year warranty on LCD monitor products
- TAA compliant
- Built in the USA