



# CPX

RACKMOUNT  
PANEL  
DISPLAY

The CPX -19 and -201 rackmount LCD displays offer all the features you need for your harsh environment application. These extremely rugged, industrial-grade displays are engineered to meet the highest of standards in rugged build and design.

The LCDs are best in class offering LED backlights and revision controlled long product availability. Sophisticated industrial-grade LCD controllers are offered to accommodate virtually any input signal including DVI-D, HDMI, VGA, Video, HD Component and even HD-SDI.

Rugged 5052-H32 aluminum construction is a standard feature. An optional RhinoTouch® multi-touch touch screen is available.

## PHYSICAL SPECIFICATIONS

<b>DIMENSIONS</b>	19" x 13.97" x 3.2" (482.6mm x 354.8mm x 81.3mm)
<b>SHIPPING WEIGHT</b>	20.5lbs (9.3kg)
<b>CONSTRUCTION</b>	High-strength 5052-H32 aircraft-grade aluminum
<b>POWDERCOATING</b>	Black per MIL-PRF-24712, Type IV, Class 3, Cardinal C214-BK110 polyester semi-gloss, fine texture
<b>PLATING</b>	Chem-Film per MIL-C-5541F, Class 1A
<b>MOUNTING</b>	Rack mounting, panel mounting, VESA 100



## 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**

**CP Systems**  
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# ADDITIONAL SPECIFICATIONS

<b>SCREEN DIAGONAL</b>	19"
<b>CONTRAST RATIO</b>	1000:1
<b>VIEWING ANGLE</b>	170° (L/R) 160° (U/D)
<b>RESPONSE TIME</b>	5ms
<b>NATIVE RESOLUTION</b>	1280 x 1024
<b>BRIGHTNESS</b>	350 cd/m2
<b>BACKLIGHT</b>	LED
<b>COLORS</b>	16.7M
<b>POWER INPUT</b>	AC input 85 to 264VAC, 1275/704 28VCD
<b>POWER DISSIPATION</b>	41 Watts
<b>EXTERIOR POWER JACK</b>	Yes (optional)
<b>STANDARD INPUTS</b>	VGA DVI-D
<b>OPTIONAL INPUTS</b>	HDMI PAL/NTSC/SECAM HD-SDI - SMPTE259M, 4.2.2 3G HD-SDI 424M 4.4.4 Composite HD Component YPbPr SD Component YCbCr

## 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