



# DISPLAY SYSTEMS

CP North America's rugged displays are built with light weight aircraft grade aluminum with extended operating temperatures. Our systems high performance military grade controllers are standard with a wide variety of inputs. These rugged military display systems are intuitive to use, straightforward to install, and are designed to meet Mil-STD's to survive in the toughest deployable environments. High-quality military-grade components are used throughout to maintain the highest MTBF's. Our rugged displays are available with others options available up to 48 inches and include options for EMI shielding, anti-reflective coating, oleophobic coating, overlays and more.

All are covered by CP North America's 3-Year Warranty and are manufactured in the USA for assured quality and multi-year program availability.



## Who We Are

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

Using COTS components, CP North America 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 North America 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 North America**  
2620 Deep Well Ranch Rd  
Prescott, AZ 86301  
cpna.tech  
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# KEY FEATURES

## SPECIFICATIONS

<b>DISPLAY SIZE</b>	Up to 48", deployable multi-display options available
<b>ASPECT RATIO</b>	16:9, 16:10, 4:3, and square format options available
<b>BUILD &amp; CONSTRUCTION</b>	High-strength 5052-H32 aircraft-grade aluminum Type IV, Class 3, Cardinal C214-BK110 polyester semi-gloss, fine texture powdercoating Chem-Film per MIL-C-5541F, Class 1A plating Rack, panel and VESA mount options available
<b>RESOLUTION</b>	Full HD Typical, up to 4K UHD options available
<b>OPTIONAL FEATURES</b>	EMI Shielding, Touchscreen, Anti-reflective coating, Oleophobic Coating, Illuminated Writing Surface Overlay, etc. Reach out to our team if you need any other specific customizations

## HARSH ENVIRONMENTS

CP North America designs, builds, and tests our ruggedized offerings to meet MIL-STD-810, 461, and 901. This includes environmental factors such as:

- **HIGH ALTITUDE**
- **EXTREME HIGH & LOW TEMPERATURES**
- **EMI**
- **HUMIDITY**
- **BLOWING SAND AND DUST**
- **VIBRATION**
- **SHOCK**



### QUESTIONS?

Reach out to us at  
cpna.tech  
or call 928.239.9500

## 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-S-901, in addition to FCC, UL, CE, and country specific agency requirements

## 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

## FACILITY AND TEST

- All integration work is performed in a state-of-the-art, ESD-controlled facility
- Our facility has 50,000 sqft and has dedicated areas for manufacturing and engineering
- Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

## QUALITY COUNTS

- ISO 9001:2015 Certified
- 100% system inspection before shipment
- All integrated systems undergo a rigorous system test and burn-in before shipment to the customer
- 5-year warranty on all servers and 3-year warranty on LCD monitor products
- TAA compliant
- Built in the USA

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