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ORTABLE SYSTEMS

CP North America provides Portable Computing Systems and solutions. Our systems come in both Standard industrial grade solutions as well as Rugged military grade systems. Portable systems enable a complete high-performance desktop or server class computing systems complete with displays and input peripherals for deployment in the field. Systems built by CP North America can be custom designed to meet the specific needs of the customer with optional additions such as capacitive touchscreens, specialized input ports, etc. Systems can be scaled up or down in size to match the demands of the application, with sizes ranging from compact desktop sized systems with a single 17" display up to a large scale 4U-equivalent system with triple 24" Hi-Bright displays.

CP North America's Portable systems are designed and built to meet the most demanding of portable computing applications.



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 Road
Prescott, AZ 86301
cpna.tech
928.239.9500



KEY FEATURES

SPECIFICATIONS

| | |
|-------------------------|---|
| DISPLAY SIZE | Up to 24" (61.13cm) diag. Option for single and triple display configurations. |
| DISPLAY FEATURES | Optional Capacitive Touchscreen and Hi-Bright LED Panels |
| CPU OPTIONS | Single or Dual Intel Core or Xeon Processors on ATX motherboard |
| MEMORY CAPACITY | Varies by configuration, option for ECC or non-ECC buffered memory |
| STORAGE | 2.5" and 3.5" Hard Drive Configurations available |
| I/O | Full Sized Keyboard in fully sealed IP67 compliant case Optical Drive USB Additional Optional Inputs upon request. |

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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