



C528

**COMMERCIAL
GRADE 5U
COMPUTER**

COMMERCIAL 5U COMPUTER

Our Light Industrial 5U computing platforms can be used for many different applications ranging from lab, simulation, test to medical applications. Multiple add-in card (full and double height) options available. With the added security of sturdy construction, this system has revision controlled, long-life components that provide stability for long program duration.



FEATURES

- 5U x 26.4-inches Chassis
- XEON single or dual CPU options
- Up to (14) Plug-in Card Slots
- Card hold-down system
- (8) 5-1/4" Drives
- Redundant N3+1 Power Supply
- Extended-life ATX Motherboard Options with Long Life Processors

APPLICATIONS

- Aviation
- Broadcast
- Energy
- Telemetry
- Diagnostics
- Simulation
- C4ISR
- Communications
- Imaging
- Persistent Surveillance
- Public Safety
- Automation
- Test and Measurement
- Transportation
- Medical

BENEFITS

- Revision-Controlled Components
- Long-Life Components
- Optimal for Long Program Life Cycles
- Excellent Value over Program Life
- Customizable I/O Connections
- Variety of Expansion Slots Available

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

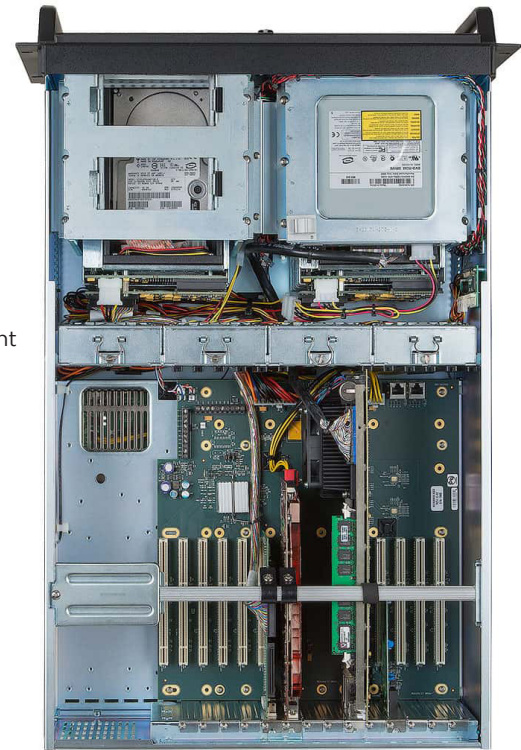
CP North America
2620 Deep Well Ranch Road
Prescott, AZ 86301
cpna.tech
928.239.9500



TECH SPECS

CHASSIS SPECIFICATIONS

DIMENSIONS	19" X 8.75" X 26.4" (482.6mm X 222.3mm X 670.6mm)
SHIPPING WEIGHT	About 88lbs, varies by configuration
CONSTRUCTION	Heavy duty, cold-rolled electroplated steel chassis Front door with thumb twist keylock Removable/washable air filter Adjustable hold-down bar for plug-in cards 4x Hot Swappable 90mm Fans, SysCool™ Thermal Management Motherboards up to 15"x13" supported
STORAGE	8x 5.25" Drive Bays 1x 3.5" Drive Bay
POWER SUPPLY	N+1 Redundant 110/220V AC Other options available.



COMPUTER SPECIFICATIONS

CPU	Single or Dual Intel® Xeon™ series processors
MEMORY	Varies by configuration
CHIPSET	Varies by configuration
RAID	JBOD, 0, 1, 5. Other options available depending on configuration
EXPANSION SLOTS	Varies by configuration, up to 14 supported by chassis
GRAPHICS	Intel® and Nvidia® options available.
OPTICAL DRIVE	24x DVD-RW, other options available.

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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