North America

MP3X17 | TRIPLE DISPLAY PORTABLE COMPUTER

PORTABLE COMPUTING SYSTEM

Our MP3x17 portable computer systems are ready for jobs where a laptop isn't enough, but you can't bring your desktop where you need to go. Offering extensive screen space, excellent processing and a variety of plug-in options, these systems are a good fit for your portable computing requirements.

APPLICATIONS

- Telemetry
- Diagnostics
- Simulation
- C4ISR
- Communications
- Imaging
- Persistent Surveillance
- UAVs
- Automation

FEATURES

- 3x 17.3" FHD 1920x1080 Monitors
- Rugged Aluminum Alloy Construction
- Detachable Keyboard with Touch Pad
- Wheeled Padded Transit Case Included
- Preconfigured for Turnkey Operation
- Long-life Components
- Expansive Screen Space
- Ready for Transport
- Excellent Processing Power
- Built-in 3W Speaker

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
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North America

TECH SPECS

DiMENSIONS	14.25" X 15.5" X 11.25" (362.0mm X 393.7mm X 285.8mm) Deployed: 14.25" X 43" X 11.25" (362.0mm X 1092.2mm X 285.8mm)
WEIGHT	60lbs; weight varies by configuration
CONSTRUCTION	Heavy duty, cold-rolled electroplated steel Rubber corner bumpers
FRONT USB PORTS	(2x) ports USB 2.0
COOLING FANS	(1x) 120mm cooling fans
MOTHERBOARD CAPACITY	Designed for ATX-sized motherboard (9.6" X 12")
POWER	750W 100/240 Volt AC, PS2 Form Factor, Other power options available

COMPUTER SPECS

CPU	Intel Core and Xeon Processors supported
MOTHERBOARD	Varies by configuration, ATX Form Factor
MEMORY	Varies by configuration
STORAGE	(x1) 3.5" & (x2) 5.25"
OPTICAL DRIVE	x1 Slimline DVD-RW
EXPANSION SLOTS	x7 Full Height IO Cards
RAID	Varies by Configuration

PANEL SPECS

SCREEN DIAGONAL	17.3"
CONTRAST RATIO	500:1
VIEWING ANGLE	80° (L/R/U/D)
RESPONSE TIME	5ms
NATIVE RESOLUTION	1920x1080
BRIGHTNESS	300 cd/m2
BACKLIGHT	TFT
COLORS	16.7M

ENVIRONMENTAL SPECS

TEMPERATURE	-20°C~60°C Non-Operating, 0°C~50°C Operating
HUMIDITY	10%~95%
CERTIFICATIONS	CE, FCC, RoHS

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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