MTCS

TRANSIT CASE COMPUTER SYSTEMS

MEDIUM TACTICAL COMPUTER SYSTEM

The Medium Tactical Computer System is designed to provide deployable networks, Rugged Cross Domain Solutions and architecture to support Ground Control Stations. Each system is configurable to the users requirements and can include computers, human interface devices, storage arrays, uninterruptible power system or power distribution and a variety of display options. All housed in a durable transit case and then ruggedized to meet MIL-STD's

All of our systems include revision control and we manage the configuration and obsolescence management for long program life. All of the systems components are designed and built in the USA.

FEATURES

- Full compatibility with CP Tech's wide range of rackmount computers, displays, and more
- Rugged, stackable transit cases with handles & optional caster wheels for easy transport and deployment
- Support for up to 8U rackmount systems at 24" deep

Who We Are

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

Using COTS components, CP Technologies 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 Technologies is an ITAR Registered and ISO 9001:2015 Certified business that has been operating in Southern California for over twenty years.

Assembled in the USA
ISO 9001:2015 Certified
ITAR Registered

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TECH SPECS

TRANSIT CASE SPECIFICATIONS

TRANSIT CASE CAPACITY
Options ranging from 2U up to 8U for standard rackmount modules
Custom options available, contact us for more info

DIMENSIONS AND WEIGHT
Varies by configuration

POWER
Multiple power options available including:
Standard power strip
Single and redundant battery-loaded UPS units

BUILD
High-strength molded construction with ergonomic handles and optional casters
Air pressure relief valve, butterfly latches, aluminum rackmount internal frame
Designed to meet MIL-STD 810G

COMPUTER AND DISPLAY

CPU
Intel Xeon and Core, single or multi-CPU options available depending on configuration

STORAGE
Varies by configuration, discrete storage array module options available

MEMORY
Varies by configuration

NETWORKING
Options range from RJ45 port on motherboard up to discrete network switch module

DISPLAY PANELS
Options range from single panel displays up to triple-displays in slide-out configuration

INPUT DEVICES
1U keyboard with touchpad or trackball options available. Can be included as part of display module.

NON-CP DEVICES
Transit cases support standard rackmount sizing and are compatible with our customized and ruggedized commercial rackmount equipment from manufacturers such as CISCO and DELL.

Contact us for more information regarding compatibility.

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 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

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

QUESTIONS?
Reach out to us at
cp-techusa.com
or call 858.571.4330