

**DTS****PORTABLE  
STORAGE  
SYSTEM**

## DATA TRANSPORT SYSTEM

CP Technologies offers the DTS-xxx Data Transport System, optimized to physically move multiple terabytes, up to 208TB, of valuable data from place to place in the safest possible manner. It is housed in a small, rugged transit case which meets airline requirements for in-cabin overhead-bin storage. This assures valuable data can be transported by commercial airlines without ever leaving the presence of a trusted courier.

The system, easily carried by one person, can be used to transport large quantities of data between physical locations. With the availability of up to 26 shock isolated 2.5" drives, our rugged portable storage system is the ideal choice for storing and transporting information. Sufficient highspeed RAID disk storage with in-system intelligence for management allows for data migration and storage to be performed effortlessly.



## COMPUTER SPECIFICATIONS

<b>CPU</b>	Intel Core and Xeon options available
<b>DRIVE CAPACITY</b>	Up to 26 shock isolated SATA 6GB/s Up to 208TB
<b>CHIPSET</b>	Based on Motherboard Selection
<b>RAM</b>	Varies by configuration
<b>RAID</b>	Onboard RAID 0, 1, 5, 10
<b>GRAPHICS</b>	Intel HD Graphics
<b>AUDIO</b>	Realtek 5.1-channel HD Audio
<b>LAN</b>	2x 10GB Ethernet ports / fiber ports
<b>OS</b>	Based on Motherboard Selection

## 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**

**CP Technologies**  
2620 Deep Well Ranch Rd  
Prescott, AZ 86301  
cp-techusa.com  
858.571.4330

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## CHASSIS SPECIFICATIONS

<b>DIMENSIONS</b>	Pelican protector case: 22" x 13.8" x 9"
<b>POWER SUPPLY</b>	1U ATX Power Supply

## HARSH ENVIRONMENTS

Designed to meet or exceed MIL-STD-810G to the below specifications.

<b>ALTITUDE</b>	15,000ft Operational, 30,000ft Storage MIL-STD-810, Method 500.6
<b>HIGH TEMPERATURE</b>	50°C Operational, 85°C Storage MIL-STD-810, Method 501.6
<b>LOW TEMPERATURE</b>	0°C Operational, -30°C Storage MIL-STD-810, Method 502.6
<b>HUMIDITY</b>	MIL-STD-810, Method 507.6
<b>TRANSPORT VIBRATION</b>	MIL-STD-810, Method 514.7
<b>BENCH HANDLING SHOCK</b>	MIL-STD-810, Method 516.7



### QUESTIONS?

Reach out to us at  
[cp-techusa.com](http://cp-techusa.com)  
or call 858.571.4330

## 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

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