

Ready to upgrade?

CM Computers Six Heat Exchanger + 16 Heat Pipe ATR Hybrid Chassis are expressly designed for the most demanding customers who appreciate uncompromising quality, capacity and reliability.

Our new VPX, VME & cPCI Hybrid ATRs further reduces payload operating temperatures, improves system thermal performance and increases MTBF.

This evolutionary combination of heat transfer technologies integrated within a compact size series of enclosures re-enforces CM Computer as the leading military ATR COTS supplier worldwide.

- MILITARY DESIGNED AND MANUFACTURED
- HYBRID COOLED FOR INCREASED DISSIPATION
- ENGINEERED FOR IMMEDIATE DEPLOYMENT



True COTS capabilities

- Contaminant-free enclosure
- Available in 1/2, 3/4 & 1 ATR size
- VPX, VME64 & cPCI ready
- Accepts Conduction & Air-cooled 6Us
- Flexible Top & Bottom I/O wiring
- Six internal Heat Exchangers
- 16 integrated Heat Pipes
- Up to 1.5 kW total Power Dissipation
- Up to 150 Watts per slot
- Integrated Temperature Control Unit
- Dramatically increases payload MTBF
- 2 User defined PSU 100W DC outputs
- 25°C less than heat exchanger ATRs
- 50°C less than conventional ATRs
- In-line EMI/EMC MIL-STD 461E Filter
- Stand alone low weight solution
- Customizable to specific requirements
- Mounting Tray with quick release system



All our chassis products are delivered Tested and Certified by independent authorized Labs per **MIL-STD-461E** & **MIL-STD-810F** for immediate deployment in US Navy and US Air Force military UAVs, Fighters and Helicopters.

Contact us at info@cmcomputer.com to request our latest Hybrid Cooled Military ATR Chassis Catalog.



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