



Going that extra mile?

— HYBRID COOLED & ENGINEERED FOR IMMEDIATE DEPLOYMENT

For over 25 years, prime defense contractors have selected CM Computer to be their ATR Chassis or VMEbus supplier for more than two hundred first class industrial and military system programs worldwide.

Our VPX, VME and cPCI ATR Hybrid Chassis fitted with Six Heat Exchangers plus 16 Heat Pipes are expressly designed for the most demanding customers who appreciate uncompromising quality and reliability.

CM balances proven COTS hardware design with the advantages of cutting edge ATR cooling technologies to supply performance military systems.

Expand Your Horizons

- 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 sealed ATRs
- In-line EMI/EMC MIL-STD 461E Filter
- Stand alone low weight solution
- Customizable to specific requirements
- Mounting Tray with quick release system



- 1 CM-ATR-25/SIXHEX-16HP: 1/2 ATR, 5 SLOT 6U, 575W PSU, 9 kg
- 2 CM-ATR-35/SIXHEX-16HP: 3/4 ATR, 7 SLOT 6U, 825W PSU, 13 kg
- 3 CM-ATR-45/SIXHEX-16HP: 1 ATR, 12 SLOT 6U, 1550W PSU, 18 kg

The leading military ATR Chassis & VME I/O manufacturer in Europe & the USA

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 ATR Chassis Catalog**.

www.cmcomputer.com

