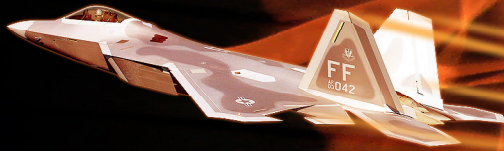


"Keeping cool under pressure"



Enjoy the Art of Dissipation Inside CM Computers latest SixHex

...cooling your valuable boards to a temperature they deserve.



Sealed 1 ATR, 12 slot, 1500 Watts PSU, +5V (+3.3V) 160 Amps, 17 Kg



SIXHEX™ from CM Computers pushes the limits of conduction cooling to meet the demand for low weight, stand alone advanced COTS military systems.

Expressly designed to compete against unpractical liquid cooled chassis alternatives, up to 150+ Watts per slot can be cooled to 85°C at card edge whilst providing further significant advantages.

The SixHex is available in a single pack ½, ¾ and 1 ATR solution with 5, 7 & 12 slot sizes, also incorporating all standard features and innovations established in previous CM Series (S, SEF, HES & FAC).

Breaking all limitations previously understood by ATR designers

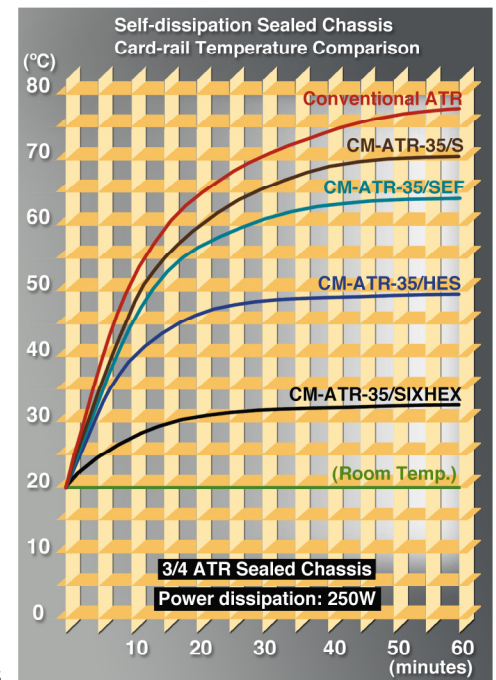
Our fourth generation SixHex is perfectly suited to forthcoming true military systems that require lighting thermal performance and uncompromising reliability.

This series features an optional Microcontroller Supervisory Unit that monitors all relevant electrical & environmental chassis operational parameters.



Product Highlights

- Contaminant-free enclosure
- VPX, VME & cPCI ready
- Accepts Conduction & Air-cooled 6Us
- Flexible top & bottom I/O wiring
- Integrated Temperature Control Unit
- Six internal Heat Exchangers
- Up to 3.6 m² thermo-active surface
- Up to 1.8 KW total Power Dissipation
- Up to 150 W per slot
- Dramatically increases payload MTBF
- 2 User defined PSU DC outputs
- 20°C less than heat exchanger ATRs
- 45°C less than conventional ATRs
- Customizable to specific requirements



Sealed ¾ ATR, 7 slot, 800 W PSU, +5V (+3.3V) 80 A, 14 Kg

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 & US Air Force military Fighters and Helicopters.

CM Computer SixHex: Pure Power, Pure Dissipation, Pure Thermodynamics

Visit www.cmcomputer.com or contact us at info@cmcomputer.com to request our Chassis Catalog

