

# READY TO UPGRADE?

SMALL PACKAGE, HIGH PERFORMANCE 3U MILITARY ATR CHASSIS



CM Computers latest line of compact COTS ATR enclosures incorporate all proprietary technologies, advanced features and well established mechanical and electrical solutions developed during the past 20 years.

These military ATRs benefit from improved thermal dissipation and have been designed for cost effective 3U high power military systems and UAVs.

Three 5-slot 3U chassis cooling techniques are available to suit all applications. All models (S/HES/FAC) integrate the same enhanced PSU and Backplane electronics.

## True COTS capabilities

- Contaminant-free enclosure (S+HES Models)
- VPX, VME64 & cPCI ready (1" Pitch)
- Accepts Conduction & Air-cooled 3U Modules
- Flexible Top & Bottom I/O wiring
- In-line EMI/EMC MIL-STD-461E Filter
- Operating Temperature -40°C to +85°C
- Up to +85 Watts per slot
- Integrated Temperature Supervisory Unit
- Dramatically increases Payload MTBF by 4x
- 20°C less than Conventional 3U ATRs
- Maintenance free Operation in service
- Extensive set of Front Panel user Indicators
- Integrated Rear fans Finger Guards
- Stand alone Low Weight solution
- Internal Card-cage airflow recirculation
- Independent Fan & Power Supply input voltage
- Customizable to specific requirements
- Low Profile Mounting Tray with quick release

	Vin Options		Backplane DC				Suggested BUS		
	28VDC	OTHER†	+5VDC	3.3VDC	+12VDC	-12VDC	VME64	cPCI	VPX
A-475W	•		40A	22A	8A	8A	•		
A-575W		•	40A	22A	12A	12A	•		
B-450W	•		20A	45A	8A	8A	•	•	•
B-550W		•	20A	45A	12A	12A	•	•	•
C-475W	•		20A	22A	16A	8A			•
C-575W		•	20A	22A	21A	12A			•

†48 VDC / 270 VDC / Autorange 90-264 VAC @ 47-880Hz / 200 VAC-3Ph @ 47-880Hz

PSU OPTIONS

## The leading ATR chassis manufacturer in Europe & the USA

All our chassis products are delivered **Tested and Certified** by independent authorized Labs per **MIL-STD-461E & MIL-STD-810G** for immediate deployment in US Navy & US Air Force military UAVs, Fighters & Helicopters. Contact [info@cmcomputer.com](mailto:info@cmcomputer.com) to request our new Chassis Catalog.

4 HEAT EXCHANGERS

3U

UP TO 575 WATTS



CM-ATR-3U/FAC

CM-ATR-3U/HES

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