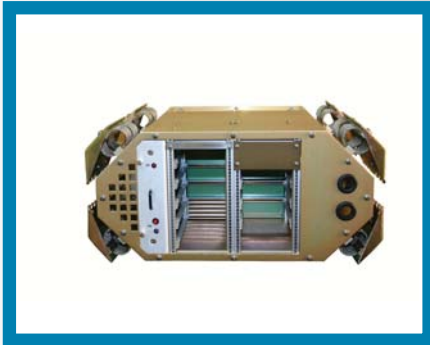


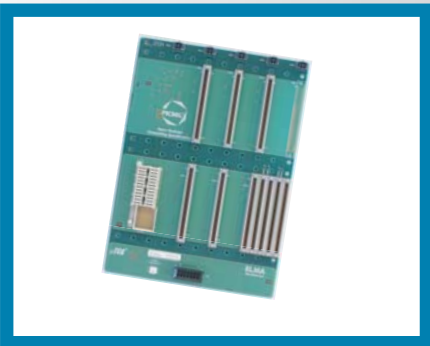


FEATURES

- Ruggedized MicroTCA COTS System Platform
- 19" rackmount, horizontal mount
- Meets MIL-STD-810F, 167, 461D, and 901D
- Shock isolated card cage and device mounting
- Rugged chassis shells from thick aluminum sheets, extrusions, and die-castings. Joined by riveting, spot-welding, and stainless steel screws
- Front to rear evacuative cooling
- Removable fan tray features 1x (120mm x 120mm) fan and 2x (40mm x 40mm) fans, and finger guard
- Fan tray has ergonomic handle and LEDs for: voltage monitoring, fan fail and over temp
- Line filter, GND stud, shielded relay, IO panel, USB port, and fuse holder
- Temp: 0 C to 65 C operating temperature, Shock: 25Gs 11 ms



The new MicroTCA chassis is an ARINC 404A Full-Size COTS System Platform, often used in commercial and military aviation. The rugged enclosure features modified front panels that can be secured to the chassis. This provides more protection for shock and vibration. Shock absorbers/dampers can also be added to the enclosure for extra protection. Thermal management can be achieved via either convection or conduction-cooling.



MicroTCA SINGLE STAR BACKPLANE

- Single star topology
- 8-slots
- 6 AMC, 1 MCH, 1 PM (to 600W) slots
- Optimized High-Speed routing
- PCI-Express, Serial Rapid I/O and 10GBase-BX4 Switching support
- Direct SATA / SAS connections
- 3 synchronization clock networks
- High-speed compression-mount connectors

Order Information

Description	Model Number
Type 12R2, MicroTCA rackmount chassis	12R2-M10DKXXF58I5HXXXXR4
<ul style="list-style-type: none">• 5U H x 84HP W x 559mm• 1 MCH, 1 PM, 6 AMCs• 600W: 48V@12A, 12V@10A, minimum load requires (05A) on each output• Alarm Board• Fan Cooling Board• 4A Capacity	
8-slot, Single Star Backplane	CAE021583
<ul style="list-style-type: none">• 221mm x 168mm• 2 Tier single width 2x75mm• 8 slot Single Star backplane; 6 AMCs, 1 CU, 1 PM, 1 MCH• RoHS Compliant	