

» FS-7276 «



FS-7276 Rugged Enclosure 1 1/2 Long Tall ATR

- » COTS/NDI
- » 6U VME/cPCI card cage with backplane
- » Designed to meet shock & vibration per MIL-STD-810E and RTCA/D0-160C
- » 800 Watt AC input power supply standard; 600 Watt 28VDC power supply
- » Convection cooling system
- » Available with mounted optional ARINC style shock tray

FS-7276 Rugged Enclosure

1 1/2 Long Tall ATR

The Kontron FS-7276 is a convection cooled ATR enclosure which accommodates 8 or 15 slot, 6U VME/cPCI card cages.

The FS-7276 ATR enclosure was designed to meet ARINC 404 guidelines for a 1 1/2 long tall ATR device. MIL-STD-461D EMI can optionally be met. An optional ARINC-style shock tray provides shock and vibration isolation.

This enclosure is top loading to a 6U VME/cPCI card cage. The enclosure can optionally include peripherals accessed through a hinged front-door (8-slot version).

Standard configuration provides 8 or 15-slots and an 800 Watts AC power supply. A DC power supply may be specified.

Technical Information

Physical Dimensions	
Height	10.625"
Depth	19.62"
Width	15.38"
Weight	40lbs (typical)
Mechanical	
	.090" Seam Welded Aluminum Alloy Chem-filmed per MIL-C-5541, Class 3 All fastener hardware is stainless steel Top loading card cage ARINC style shock tray
Front Panel	
	SYSRESET, SYSFAIL indicators +3.3V, +5V, +12V, -12V LED indicators Power Switch Toggle switch for system reset
Shock & Vibration (with shock tray)	
	MIL-STD-810E RTCA D0-160C
Environmental Characteristics	
	Temperature: 0 to 50°C Humidity: 5% to 95% non-condensing Shock: 30 G's, 11 msec. 1/2 sine, 3 Axis Vibration: 2grms, 5-500 HZ, 3 Axis
Electrical	
	AC input: 90-24 VAC & 47-63 VAC, 47-440Hz (single phase only) AC draw: 10 AMP maximum Mil circular AC Power connector Single 600 Watt AC power supply 3.3V, +5V, +12V, -12V DC outputs on power supply Designed to meet MIL-STD-461 Teflon wiring standard
VME/cPCI Backplane	
	8-slot or 15-slot VME64, VME64X with J/O connector, or cPCI
Standard Options	
	8-slot or 15-slot card cage (8-slot provides front access to peripherals) Elapsed Time Indicator AC input power supply 28V DC input power supply ARINC shock tray
Custom Options	
	Custom front I/O panel Internal I/O cabling Multiple backplanes Custom backplanes Connectorization of I/O panels

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