

» FS-7275 «



FS-7275 Rugged Enclosure 1 ATR 7 Slot 6U VME/cPCI

- » COTS/NDI
- » 6U VME/cPCI card cage with monolithic backplane (7-slots or less)
- » Designed to meet shock & vibration per MIL-STD-810E and RTCA/D0-160
- » 450 Watts AC power supply standard; other values can be specified
- » Convection cooling system
- » Mounted in optional ARINC style shock tray

FS-7275 Rugged Enclosure

1 ATR 7 Slot 6U VME/cPCI

The Kontron FS-7275 is a convection cooled ATR enclosure which contains a 7-slot 6U VME/cPCI card cage.

This enclosure is side loading, 7-slot, and contains a 6U VME/cPCI card cage.

The FS-7275 ATR enclosure was designed to meet ARINC 404 guidelines for a 1 long ATR device, and MIL-STD-461D specification. An optional ARINC-style shock tray provides shock and vibration isolation.

Standard configuration provides a 450 watts AC power supply.

Technical Information

Physical Dimensions

Height	7.6"
Depth	19.6"
Width	10.1"
Weight	20lbs (typical without VME boards)

Mechanical

.090" Seam Welded Aluminum Alloy
Chem-filmed per MIL-C-5541, Class 3
All fastener hardware is stainless steel
Side loading card cage
ARINC style shock tray

Front Panel

SYSRESET, SYSFAIL indicators
+3.3V, +5, +12V, -12V LED indicators
Power Switch
Toggle switch for system rest
Blank front I/O panel

Shock & Vibration

MIL-STD-810E
RTCA D0-160D

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: 90-470 VAC, 50-440 Hz (single phase only)
AC draw: 5 AMP maximum
Mil circular AC Power connector
450 Watts AC power supply
3.3V, +5V, +12V DC outputs on power supply
Designed to meet MIL-STD-461D

VME/cPCI Backplane

7-slot (standard) backplane
6U x 160mm

Standard Options

Backplane—VME64X with J0, cPCI
28V DC input power supply, 225W
ARINC Shock Tray

Custom Options

Custom front I/O panel
Paint & silk screening to customer spec
Internal I/O cabling
Multiple backplanes
Custom backplanes
Connectorization of I/O panels

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