FS-1270 Rugged Chassis 10/12/18 Slot 6U VME/cPCI

» 10, 12 & 18-slot versions
» VME 64 (3-row), VME64X with J0 (5-row) and cPCI options
» Dual redundant power supply available
» Health monitoring system available
» Elapsed time indicator available
The Kontron FS-1270 is an 8U tall ruggedized VME/ cPCI enclosure designed for 6U VME/cPCI boards with an optional peripheral carrier available in 10, 12 and 18-slot versions.

The enclosure is provided with easy front loading access. The peripheral carrier is removable, and mounts in the card cage. It can accommodate up to four 5.75” removable drive carriers. A standard single 800 Watt power supply will be provided.

Kontron designed the FS-1270 to meet MIL-S-901 in an isolated rack, MIL-STD-810 and MIL-STD-167-1 shock and vibration specifications for severe environments. Optionally, the FS-1270 can be upgraded to meet MILSTD- 108 for drip proof requirements.

The card cage is cooled by internal fans that draw air through an inlet located on the front door of the chassis, which is routed up through the VME/cPCI card cage, around the power supplies and is exhausted through the upper rear of the enclosure.

| Physical Dimensions | Height | 14” (8U) |
|                     | Depth  | 22.1” (with fan = 24.1”) |
|                     | Width  | 19” |
|                     | Weight | 60lbs. (typical) |

**Mechanical**

- .090” Seam Welded Aluminum Alloy
- Chem-filmed per MIL-C-5541, Class 3
- All fastener hardware is stainless steel
- Access conforms to MIL-HDBK-45, guideline 36

**Electrical**

- AC input: 115 or 220 VAC, 47-440 Hz
- AC draw: 12 Amp maximum
- MIL circular power connector
- 3.3 V, +5, +12, -12V outputs on standard power supply
- MIL-STD-461
- AC input EMI filter, Teflon wiring standard

**VMEbus Backplane**

- 10, 12, 18-slots total, 6U x 160mm

**Shock & Vibration**

- MIL-STD-810, MIL-S-901, MIL-STD-167/1

**Front Panel**

- Master Power Switch
- VME/cPCI Reset Switch
- LED’s include: VME reset, DC power indicators

**Standard Options**

- Rack-mount slide kit, Elapsed Time Indicator, Health Monitoring, Dual redundant power supply, 28V DC input power supply

**Custom Options**

- Custom rear I/O panel, Paint & silk screening to customer spec, Internal 1/O cabling, Multiple backplanes, Power supply ratings, Connectorization of I/O panels, Side to rear airflow, Low noise compliance to MIL-STD-740-1, Custom backplane

**Technical Information**

**Rear view panel view with optional connector cutouts & custom silkscreen on rear I/O panel.**