

» FS-1270 «



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.

Technical Information

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

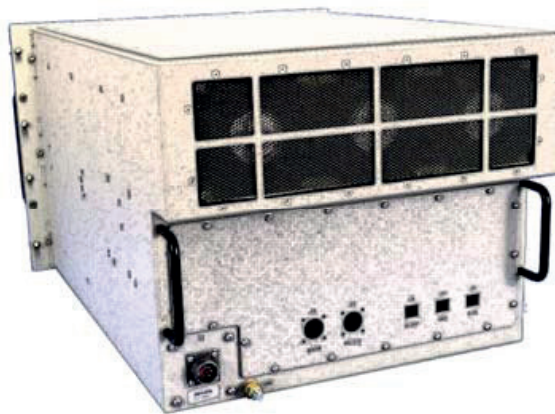
Master Power Switch
VME/cPCI Reset Switch
LED's include: VME reset, DC power indicators

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 I/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



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

CORPORATE OFFICES

Europe, Middle East & Africa

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany

Tel.: +49 (0) 821 4086-0
Fax: +49 (0) 821 4086 111
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA

Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific

17 Building,Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China

Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn