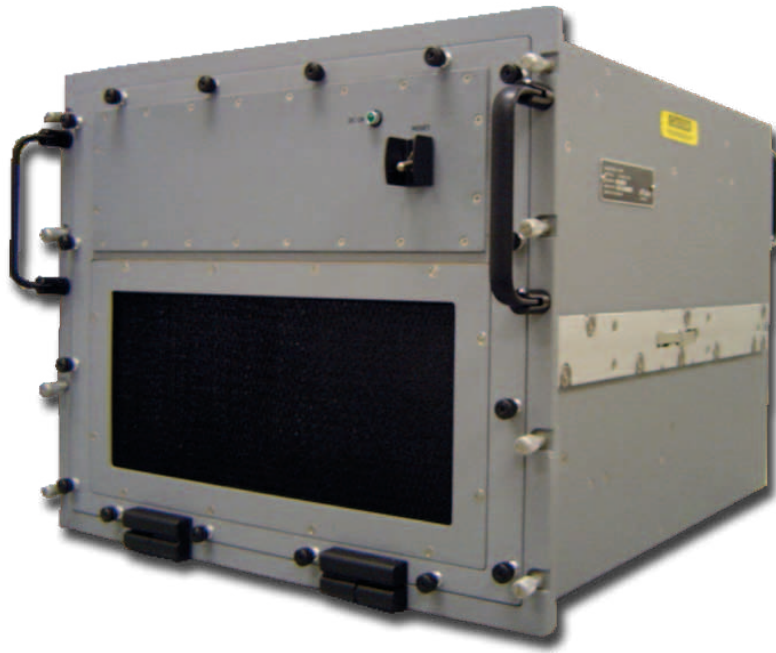# » FS-1290 «

FS-1290 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 suppliers available
- » Side to rear cooling is available as a standard option
- » Elapsed time indicator available

The Kontron FS-1290 is an 9U tall ruggedized VME/cPCI enclosure designed for 6U VME/cPCI boards with an optional peripheral carrier available in 10 and 12-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.

The FS-1290 was designed 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-1290 can be upgraded to meet MIL-STD-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.

The fans are mounted on a removable tray for easy maintenance.

Technical Information

Physical Dimensions

Height	15.75" (9U)
Depth	24"
Width	19"
Weight	70lbs. (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

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