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Find the *Kontron / AP Labs FS-8712* at our website: ***Click HERE***

» FS-8712 «



FS-8712 Rugged Chassis 12-slot 8U VME

» COTS/NDI

» 8U VME card cages with 12-slots monolithic backplane

» Tested to meet shock & vibration requirements of RTCA/DO-160C

» 600 Watts PFC power supply standard; other values can be specified

» Cooling can be custom configured: front to rear, front to side or side to side

FS-8712
12-slot 8U VME Rugged chassis

The Kontron FS-8712 option is a ruggedized 12-slot, 8U enclosure.

The FS-8712 was designed to meet MIL-STD-810E, shock and vibration specifications for severe environments, as well as MIL-STD-461C for EMI specifications.

A hinged front door provides front loading access to the VME PCBs. An optional security interlock can be provided on the front door and all other panels are then non-removable without first opening the front panel. The rear I/O panel can be custom configured for the intended application.

Cooling is front to rear as standard, and can be optionally configured for front to side or side to side. Thermal monitoring and control are available as an option.

The enclosure comes in a rack-mount configuration and can be provided with or without internal shock-mounts and EMI hardware.

Technical Information

Physical Dimensions	
Height	14" (8U)
Depth	20"
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 Hinged front door with access to VME PCBS Blank Rear I/O panel: 8.50" x 15.75"
VME Bus Backplane	12-slots total, monolithic J1/J2 (J0 optional) 6U x 160mm
Electrical	AC input: 115 or 220 VAC, 47-440 Hz AC draw: 12 Amp maximum MIL circular power connector +5, +12, -12V outputs on DC power supply MIL-STD-461 E AC input EMI filter Teflon wiring standard. Teflon or other by custom option
Shock & Vibration	MIL-STD-810E MIL-STD-901D Lightweight hammer
Front Panel	SYSRESET, SYSFAIL, +5V, +12V, -12V LED Reset Switch Power Switch/Circuit Breaker Custom panel layout
Custom Options	Paint & silk screening to customer spec Internal I/O cabling Multiple backplanes Power supply ratings Connectorization of I/O panels Cooling configuration Security interlock

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