kontron

FS-8704 Rugged ATX/PCI Enclosure

» Designed to meet MIL-S-901 (in isolated rack), MIL-STD-167-1,MIL-STD-461
» 460 Watt power supply
» Customized rear I/O panels
» Removable drives

The Kontron FS-8704 is a versatile platform for rugged applications for ATX form factor motherboards. The chassis is available in a hard-mount configuration and is designed to meet MIL-S-901 Grade A or B in an isolated rack and designed to meet MIL-STD-167/1 vibration and MIL-STD-461 EMI.

A hinged front door provides front access to two peripheral bays. Cards are accessed through the top panel. The rear I/O panels can be custom configured for the intended application. A 'cocoon' supports any ATX motherboard.

This structure also provides support for the PCI boards and most CPU configurations. Cooling is front to rear as standard.

Technical Information

Physical Dimensions	
Height	7"
Depth	22"
Width	19"
Weight	45lbs. (estimated)
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 peripherals Blank rear I/O panels: 6" x 4.4" , 5.5" x 2"
Electrical	AC input: 100-240 VAC, 47-63 Hz AC draw: 7 AMP maximum MIL circular power connector 460 Watt dual redundant power supply MIL-STD-461 AC input EMI filter
PCI Motherboard	ATX form factor
Shock & Vibration	MIL-S-901 (in isolated rack) MIL-STD-167/1 MIL-STD-461
Front Panel	Soft Start Switch Power Switch/Circuit Breaker Front I/O panel (3"x1.5")
Standard Options	ETI ATX Integration Kit* Custom I/O panels Captive front panel screws Drip proofing to MIL-STD-108
Custom Options	Paint & silk screening to customer spec Low noise fans Internal I/O cable set Custom Motherboard & board set Full integration

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