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

<table>
<thead>
<tr>
<th>Physical Dimensions</th>
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<tbody>
<tr>
<td>Height</td>
<td>7&quot;</td>
</tr>
<tr>
<td>Depth</td>
<td>22&quot;</td>
</tr>
<tr>
<td>Width</td>
<td>19&quot;</td>
</tr>
<tr>
<td>Weight</td>
<td>45lbs. (estimated)</td>
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**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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