FS-1209 Rugged Chassis 7 Slot 6U VME, cPCI, 5 slot VPX

» 18" chassis depth accommodates installations with limited rack space.
» Front accessible plug-in style PSU
» EMI Complaint
» Customized rear I/O panel
The Kontron FS-1209 is a ruggedized 5U high system enclosure that supports up to seven slots of 0.8”x 6U boards (5 slots of VXI 1” pitch boards).

The enclosure is provided with easy front loading access. A single 400 Watt Power Supply is provided as standard.

Backplane: 7 slot VME, 7 slot cPCI, 5 slot VXI

The FS-1209 was designed to meet MIL-S-901 in an isolated rack, MIL-STD-810E and MIL-STD-167-1 shock and vibration specifications for severe environments.

The power supply is cooled by an internal fan that draws air through an inlet located on the side of the chassis. Airflow is routed through the 6U card cage and the power supply and exits the opposite side of the enclosure (other airflow options available).

### Physical Dimensions

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Height</td>
<td>8.75” (5U)</td>
</tr>
<tr>
<td>Depth</td>
<td>18”</td>
</tr>
<tr>
<td>Width</td>
<td>19”</td>
</tr>
<tr>
<td>Weight</td>
<td>40lbs. (typical)</td>
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</tbody>
</table>

### Mechanical

- 0.090” 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

### Shock & Vibration

- MIL-STD-810
- MIL-S-901
- MIL-STD-167/1

### Front Panel

- Master Power Switch
- VMEbus Reset Switch
- LED’s include: VME reset, DC power indicators

### Standard Options

- Rack mount slide kit
- Backplanes: VME64X, cPCI, VXI
- Power Input: AC or 28V DC
- Airflow: side to side or front to rear
- 28V DC input power supply

### Electrical

- AC input: 115 or 220 VAC, 47-440 Hz
- AC draw: 8 Amp maximum
- MIL circular power connector (AC or DC)
- DC input: 18-36V DC input
- DC draw: 30A maximum draw
- 3.3V, +5V, +12V, -12V outputs on standard power supplies
- MIL-STD-461
- AC or DC Input EMI filter

### Custom Options

- Multiple or custom backplanes
- Custom rear I/O panel
- Internal I/O cabling
- Connectorization of I/O panels

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