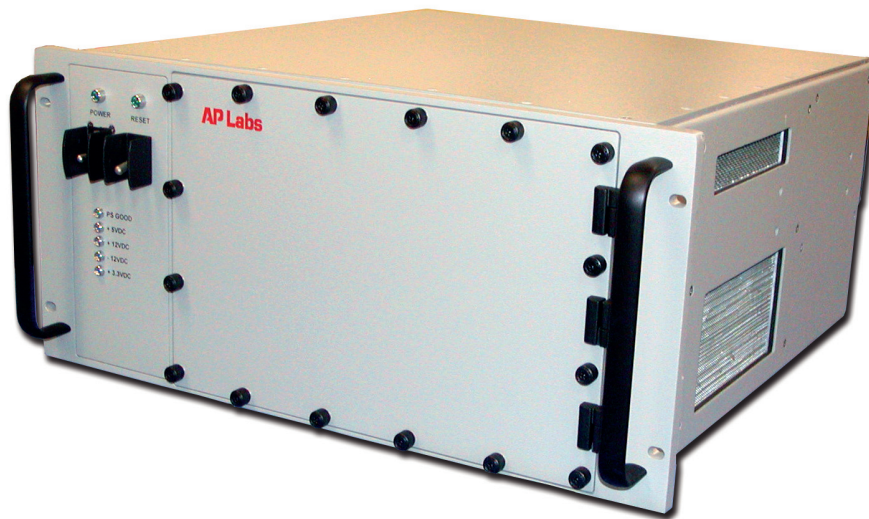


# » FS-1209 «



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

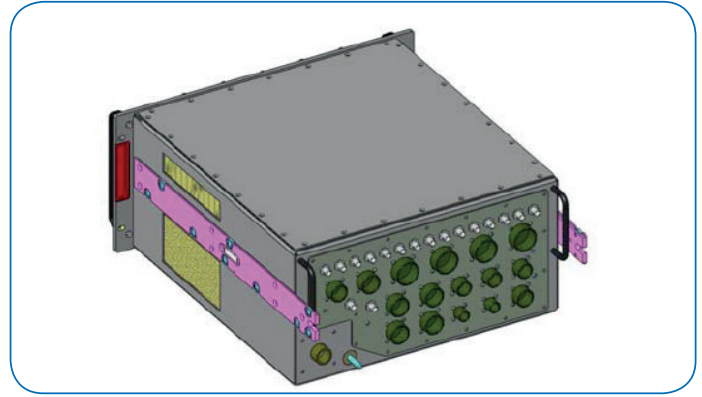
- » 18" chassis depth accommodates installations with limited rack space.
- » Front accessible plug-in style PSU
- » EMI Complaint
- » Customized rear I/O panel

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 VPX 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 VPX

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).



## Technical Information

### Physical Dimensions

Height	8.75" (5U)
Depth	18"
Width	19"
Weight	40lbs. (typical)

### 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, VPX  
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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