



DataMetrics™

MODEL 8211 9 SLOT ATR CHASSIS

*Previously Model #6600



Key Features

- Designed to Meet MIL-STD-810E for Shock, Vibration, and Explosive Atmospheres
- Designed to Meet MIL-STD-461D for EMI/EMC
- Hybrid Conduction/Convection-Cooled Design
- 9 Slot VME Backplane and Card Cage
- 8 Slot CompactPCI Backplane Available
- Internal Environmental Monitor and Control
- Optional Embedded Shock-Isolated HDD Mounting
- Multiple Front Panel I/O Connections
- Customer Defined Configurations
- Airborne – Ground Mobile

Model 8211 9 Slot ATR Chassis

DataMetrics™ rugged ATR chassis combine environmental and mechanical engineering technology with computer technology to produce products for military and industrial applications. These ruggedized chassis, designed to meet and exceed military specifications, are custom configurable with many backplane, power supply, and other options available. The performance of these rugged ATR chassis leave their commercial counterparts in the dust. Simply because they can perform every function that their commercial counterparts can perform, but DataMetrics™ rugged chassis are able to withstand and operate in the harshest environments. Please contact your local sales representative to determine your exact configuration.



Fully Mission Capable™

Environmental Characteristics

Temperature - Operating -32°C to 65°C
 Temperature - Storage. -40°C to 70°C
 Humidity. 10% to 95%, Non-condensing
 Explosive Atmosphere. MIL-STD-810E, Method 511.3
 Fungus. MIL-STD-810E, Method 508.4
 Orientation. ±45° from horizontal, any axis
 Vibration 5g 15 - 2000 Hz per MIL-STD-810E,
 Sinusoidal and Random
 Shock - Operating 15g, MIL-STD-810E
 Shock - Non-operating. 20g, MIL-STD-810E
 Altitude - Operating 15,000 ft.
 Altitude - Non-operating. 50,000 ft.
 EMI/EMC MIL-STD-461D, CE01, CE03, CS01, CS02,
 CS06, RE02, RS02, RS03
 ESD MIL-STD-1686A

Performance Characteristics

Backplane - Standard 9 Slot VME 64X (Single or Multiple; Others Available)
 I/O Panels Front panel I/O Connections
 Cooling Hybrid - Conduction and convection-cooling
 Temperature Sensing Temperature monitored constantly
 Peripheral Bay - Optional Embedded shock-isolated HDD mounting

Electrical Characteristics

Power Input - Standard Three phase WYE 115 Vac, 47 - 440 Hz
 DC Outputs ±5 Vdc @ 30A
 ±12 Vdc @ 6.2A
 Power Consumption 150W Max
 Voltage Hold-up. 10ms

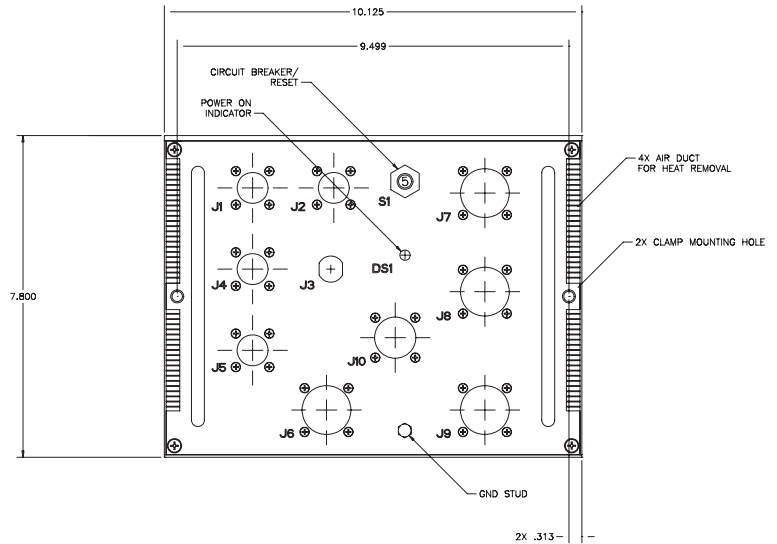
Ordering Information

Part Number	Description
8211-091X-C000	ATR, Hybrid Cooling, Full Long, 9 Slot, VME, Clear Chemical Finish
8211-092X-C000	ATR, Hybrid Cooling, Full Long, 9 Slot, VME64x, Clear Chemical Finish
8211-093X-C000	ATR, Hybrid Cooling, Full Long, 9 Slot, VITA, Clear Chemical Finish
8211-084X-C000	ATR, Hybrid Cooling, Full Long, 8 Slot, CPCI, Clear Chemical Finish
8211-099X-C000	ATR, Hybrid Cooling, Full Long, 9 Slot, Custom Backplane Config., Clear Chem. Finish
Standard Configuration 8211-0920-C000	
"X" indicates ordering options.	
Consult DataMetrics for other options and custom configurations.	

Physical Characteristics

Size 7.8" H x 10" W x 17" D
 (19.8cm H x 25.4cm W x 43cm D)
 Weight 29 lb. Aluminum Chassis (13 Kg)

Front View



Top View

