

VME64x Development System

Featuring a 9-slot VME64x Backplane

Features

- ◆ Durable powder coat black paint
- ◆ High-performance 9-slot VME64x backplane with J1, J2 and optional J0 connectors (see ordering guide on back side)
- ◆ Backplane features optimized signal line impedance using Dawn-originated balanced and matched transmission line design; minimum crosstalk
- ◆ Noise suppression capacitors and Automatic Daisy Chaining of IACK/BG are standard
- ◆ Shrouds installed on J0 and J2 connectors
- ◆ Backplane stiffener installed
- ◆ 80mm Transition Module Card Cage with direct plug-in capability
- ◆ Keyed 1101.10/11 card guides featuring inject/eject and ESD clips
- ◆ 400W, 4-output power supply with:
 - +3.3V, +5V, +12V and -12V outputs (see table for details)
- ◆ Status LEDs and probe test points for all output voltages are located on the front panel
- ◆ Reset switch located on rear of chassis
- ◆ Optional disk drive bays



Technical Specifications

Mechanical

Material: H5052 Aluminum

Finish: Powder coat paint, black color, satin sheen with matte finish

Dimensions: 20.4" H x 12.6" W x 11.8" D x 0.090" T

Weight: 24 lb

Electrical

Maximum Power Draw: 400W, Approximately 40W per slot

Power Supply Input: 90~264 VAC, Auto-switching, 47~63Hz

Input Current: 8.0A @ 115VAC, 5.0A @ 230VAC

Ripple/Noise: 3.3V or 5V = 100MV, 12V = 150MV, -12V = 200MV

Load Regulation: +/-5%

FCC-B and CE

Power Supply Output: See peak output ratings in the following table:

Ordering Code	Max. Power	+3.3V	+5V	+12V	-12V
2	400 W	30 A	50 A	27 A	3 A

Note: +3.3V and +5V combined power cannot exceed 250W

Overview

Dawn VME Products' DEV-7713 Development System is perfect for use in office and laboratory environments. Its 9-slot high-performance VME64x backplane features state-of-the-art design and construction, and comes with automatic daisy chaining of IACK/BG.

The native configuration provides blank panels covering provisions for four half-height 5.25" drives; optional drive bays may be ordered (contact the factory).

System cooling is provided by eight (8) 12VDC fans that provide push-pull laminar air flow from bottom-to-top of the card cage area.

Environmental

Storage Temperature: -20°C to +85°C

Operating Temperature: 0°C to +50°C

Humidity: <95% non-condensing

Cooling: Eight (8) 12VDC, 25CFM fans



Ordering Information

11-1011777-2XX9

System Power
2 = 400W

Backplane "J0" Connector Options
0 = Without J0
1 = With J0

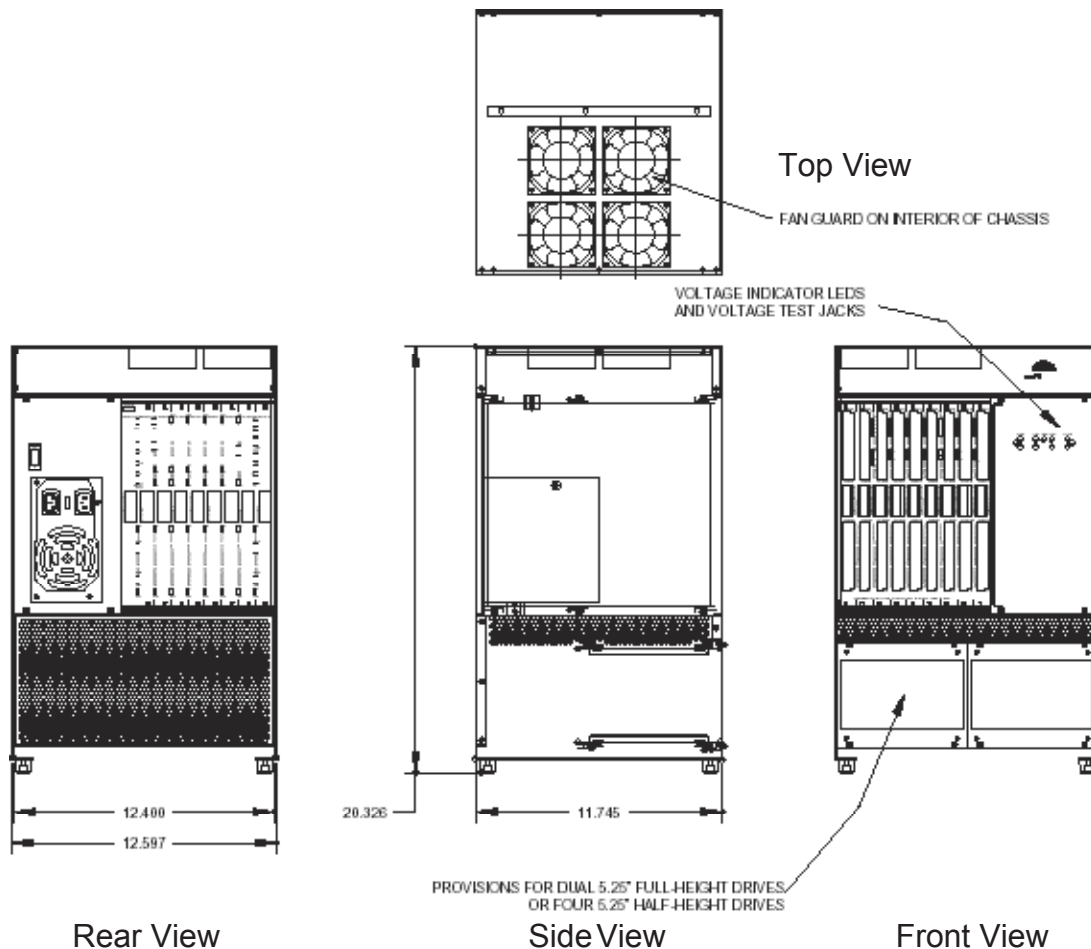
Drive Bay Options
0 = With 2 Full Height Drive Bays
1 = No Drive Bays

Backplane Slots
9 = 9 VME64x J1/J2 slots

Bold indicates standard configuration

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Enclosure Dimensions



Rear View of Enclosure:



Accessories from Dawn:

- ◆ VME and CompactPCI Configurations (contact factory)
- ◆ System Health Monitor kit
- ◆ Test Extender Boards
- ◆ Peripheral Drive Bays
- ◆ Slot Bypass Boards
- ◆ Prototyping Boards
- ◆ Form-Factor Extender Boards (FFE)
- ◆ Filler Panels: 3U, 6U or 9U x ≤ 1~21 slot widths
- ◆ Front Panels