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Find the *Dawn VME DEV-7713* at our website: *Click HERE*

Development Chassis: Model DEV-7713

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



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.

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

Environmental

Storage Temperature: -20ºC to +85ºC

Operating Temperature: 0ºC to +50ºC

Humidity: <95% non-condensing

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

VMEbus Technology

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Ordering Information

11-1011777-2XX9

System Power
2 = 400W

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

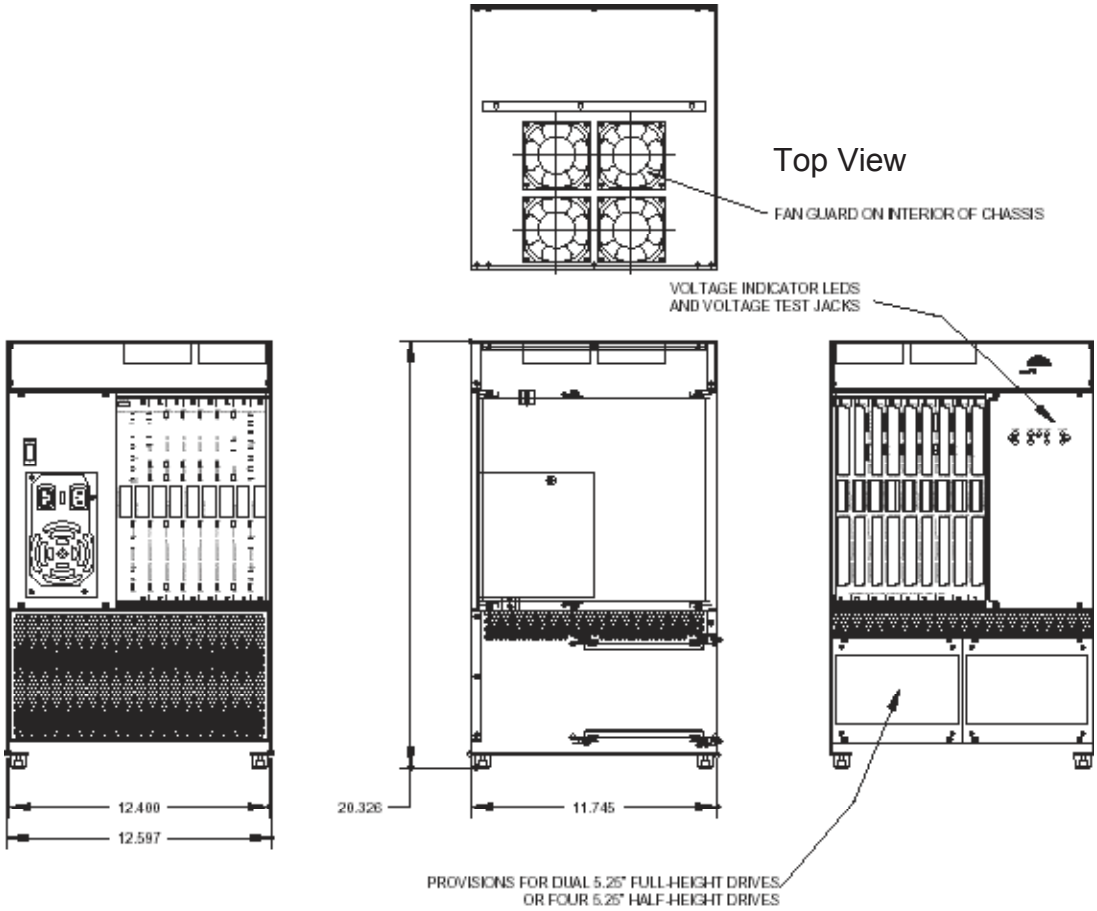
Bold indicates standard configuration

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

Bold indicates standard configuration

Backplane Slots
9 = 9 VME64x J1/J2 slots

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

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