

# VME64x Development System

## Features

- ◆ Features Dawn's *RuSH™* System Health Monitor with LCD display. *RuSH™* monitors and controls chassis' environmental conditions, power supply and fans. On-board RS-232 and 10/100BaseT connections allow for local and remote system control. Elapsed time meter is resettable. Custom firmware versions are available from the factory
- ◆ Chassis left-hand and right-hand side panels are removable for side board access and probing
- ◆ 8-slot, 6Ux160mm, 1101.10 compatible front card cage (optional ESD clips available)
- ◆ 8-slot, 6Ux80mm, 1101.11 compatible rear direct plug-in Transition Module card cage
- ◆ Dual fan trays provide "push-pull" air flow
- ◆ Single 400W or Dual 300W power supply options (all power options include +3.3V output)
- ◆ Top mounted carrying handle and tabletop feet installed
- ◆ Front mounted power switch
- ◆ Fully assembled, wired and tested
- ◆ Most configurations are available from stock
- ◆ Custom variations are available - contact Dawn factory for details



## Specifications

**Material:** H5052 Aluminum

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

**Dimensions:** 20"H x 9.2"W x 12"D

**Weight:** 26 pounds (400W P.S.)

## Specifications Cont.

**Maximum Power Draw:** Maximum power cannot exceed 400W, Approximately 40W per slot

**Power Supply Input:** Voltage: 90~132 VAC / 180~264 VAC

Current: 8.0A/115VAC, 5.0A/230VAC

Frequency: 47~63 Hz

Auto-switching

EMI: Compliant with FCC-B compliant; CE marked

**Power Supply Output: (Max) +5 @ 50A; +3.3V @ 30A; +12V @ 27A; -12V @3A**

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

**Power Supply Output Regulation:** 5%

**Power Supply Output Ripple:** 3.3V or 5V = 100mV, 12V = 150mV, -12V = 200mV

**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

11-1014100-XYZ

## Backplane Architecture

- 01 = VME64X, 8-slot, J1-J2-J0
- 02 = VME64X, *dual* 4-slot, J1-J2-J0
- 04 = VITA 41 (VXS), 8-slot, 1 switch/7 payloads
- 11 = CompactPCI 2.1R3, 8-slot, LH Sys., +3.3 VI/O
- 12 = CompactPCI 2.1R3, 8-slot, LH Sys., +5 VI/O
- 13 = CompactPCI 2.16, single 8-slot, LH Sys., 5 nodes; 2 fabric (+3.3 VI/O)
- 14 = CompactPCI 2.16, single 8-slot, LH Sys., 5 nodes; 2 fabric (+5 VI/O)

Contact factory for additional configurations.

## Power Supply

- 1 = 400W ATX
- 2 = Dual 300W, 1U ATX

## RuSH™ System Monitor

- 0 = Installed, with LCD display
- 1 = Not Installed

(11-1014100-0110 Shown)



Rear view showing 6Ux80mm Transition Module card cage



Front view shown with side access panels removed