

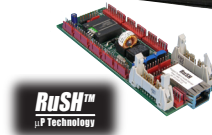
"Predator Series" Rackmount Enclosure

Accommodates VME64x, CompactPCI™, or VPX Backplanes

Internet
Enabled

Features

- ◆ One Year Warranty
- ◆ Choice of 7-slot backplane: VME64x, CompactPCI™ 2.1 R3 or 2.16 PSB, or 5-slot VPX
- ◆ Front 6U x 160mm card cage protected by hinged Plexiglas® door
- ◆ 1101.10-compliant extrusions and card guides installed
- ◆ Rear 7-slot 80mm Transition Module card cage standard; rear I/O transition panel supplied
- ◆ Rear cable management panel supplied
- ◆ Push-Pull Fan System
- ◆ 400W power supply standard
- ◆ Front panel mounted power switch
- ◆ Supplied with Dawn's exclusive **RuSH™** microcontroller-based System Health Monitor, Model 426
- ◆ Front-mounted LCD display panel reports real-time system environmental parameters
- ◆ Communication connectors installed on rear panel:
 - DB9M ... RS-232 serial port
 - RJ-45 ... Ethernet (LAN) port
- ◆ Powder-coat black paint provides optimum aesthetics and resilience to handling
- ◆ All configurations are pre-wired, load tested and system tested prior to shipment
- ◆ Custom configurations available; contact your local Dawn representative or the factory for more information



Ordering Numbers

- VME64x, redundant power supplies. 11-1015500
- VME64x, single power supply 11-1015501
- cPCI 2.1R3; redundant power supplies 11-1015502
- cPCI 2.1R3; single power supply 11-1015503
- cPCI 2.16, redundant power supplies. 11-1015504
- cPCI 2.16; single power supply 11-1015505
- VPX, 5-slot, 1" pitch 11-1015506

For other standard configurations or a configuration to fit your needs, contact your local Dawn representative or the factory directly for pricing and ordering information.

Technical Specifications

Mechanical

Designed to Conform to Industry Specifications:

VME64X: ANSI/VITA 1997 1.1 and IEEE 1014, or VITA-41

CompactPCI™: PICMG 2.1 R3 or PICMG 2.16 Packet Switching Backplane

Enclosure Material: Aluminum 5052-H32; alodine plated per ANSI 1500 Class 3

Enclosure Weight: 25-30 lb., depending upon whether single or redundant power supply

Backplane PCB Design Construction: Multilayer; microstrip/stripline

Backplane PCB Power / Ground / Signal Layer Weight: 2 oz / 2 oz / 1 oz copper

Environmental

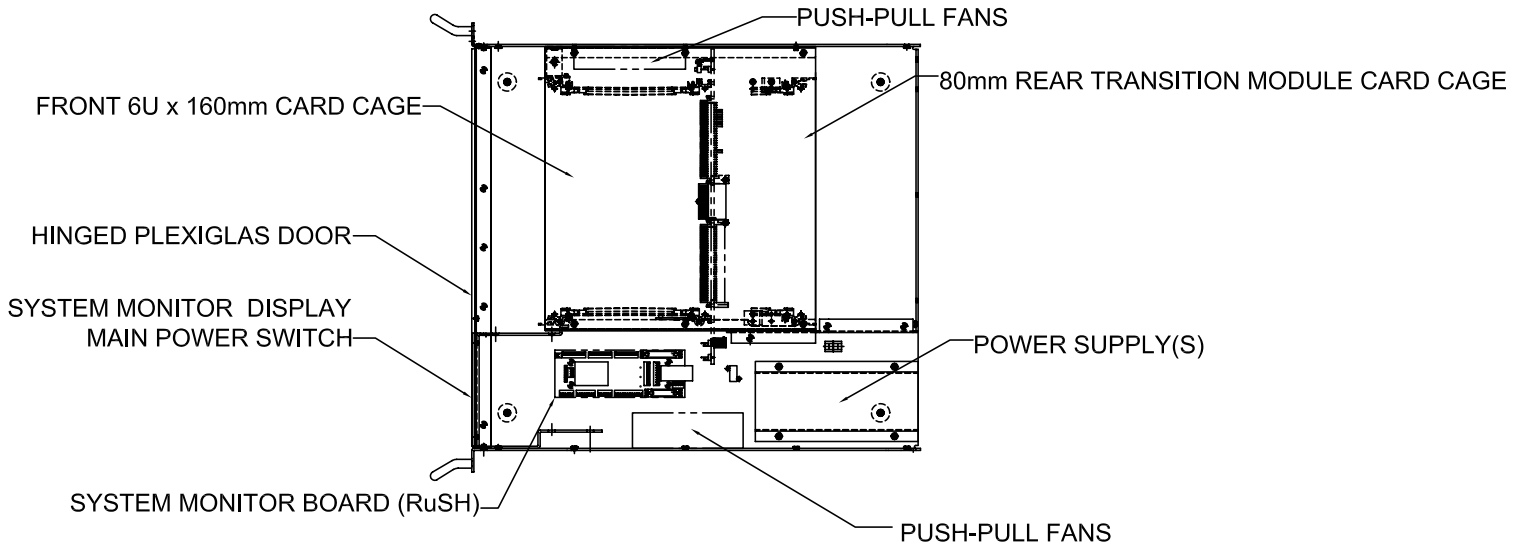
Storage / Operating Temperature: -20°C to +85°C / 0°C to +50°C

Humidity: <95% non-condensing

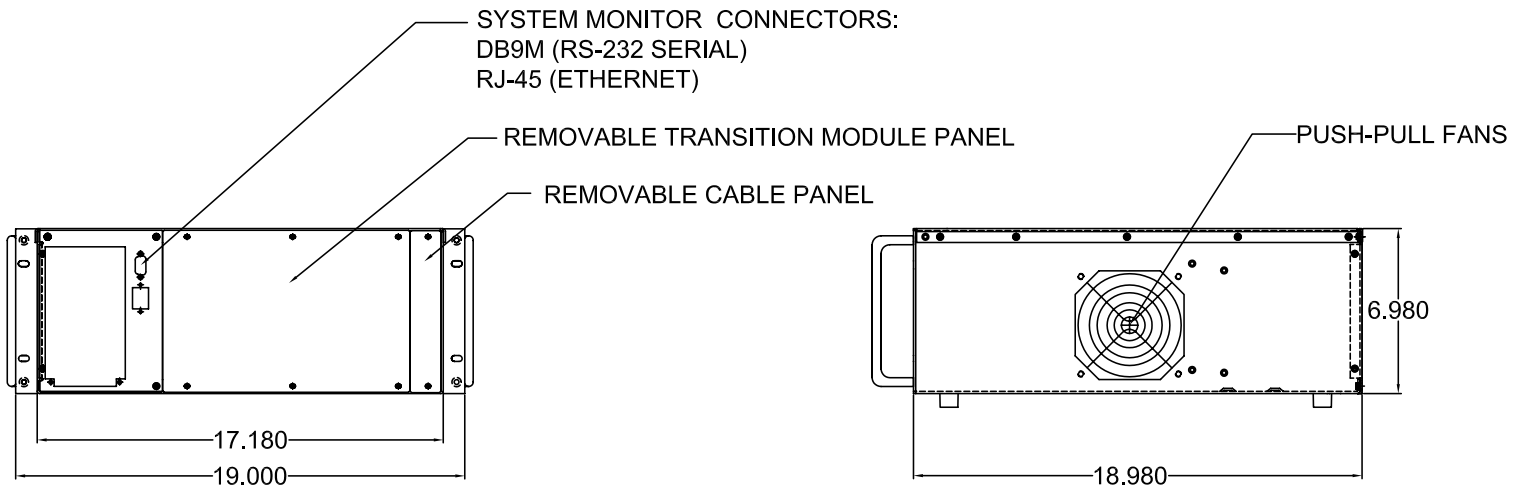
MTBF: >300,000 hr operating at +40°C

¹ Contact Dawn for warranty details

Chassis Dimensions



Top View



Rear View

Side View

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