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Find the *Dawn VME RME-8513 8U VME64x* at our website: *Click HERE*

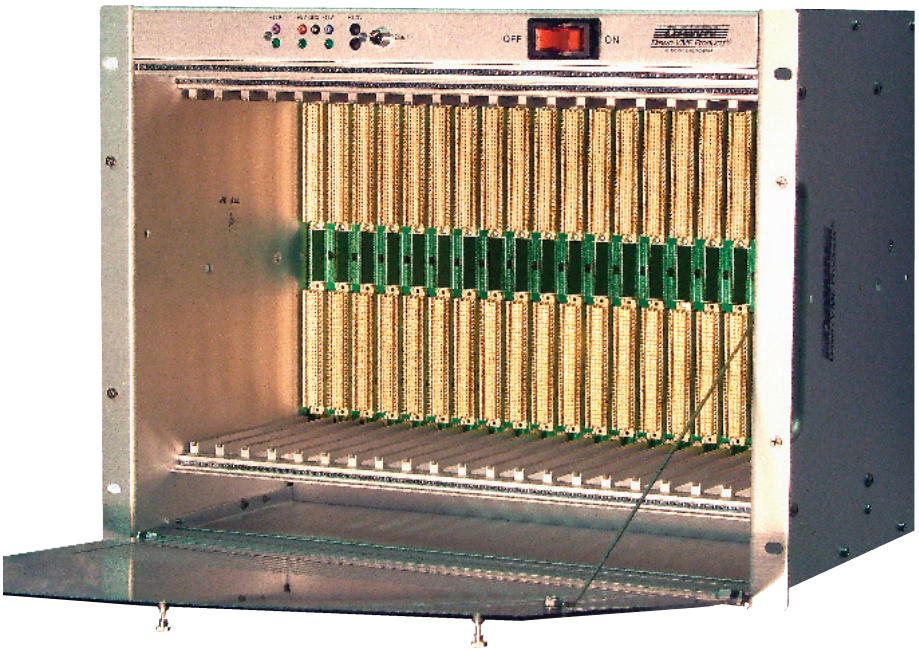
VME64x Enclosure: Model RME-8513

8U VME64x Powered Enclosure

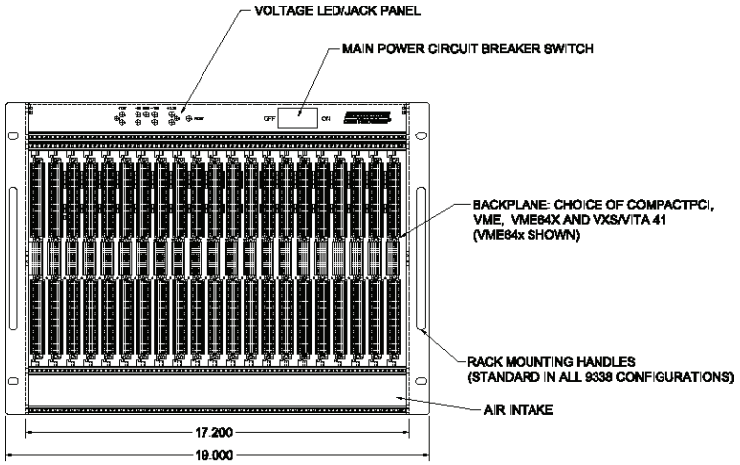
Designed for Rackmount or Tabletop Configurations

Features

- Single or multiple VME64x backplane options to 21-slots, w/manual or electronic BUSGRANT/IACK jumper options
- Shrouds on all P0 and P2 backplane connectors
- 2" recessed, 21-slot wide, 6Ux160mm front card cage
- Seven rear 6U x 80mm transition module slots
- Choice of solid or Plexiglass front door
- Three rear mounted DC cooling fans providing bottom front to top rear air flow
- Choice of 350W to 800W standard power supplies
- Front mounted circuit breaker switch, backplane reset switch, voltage indicator LEDs, and voltage test jacks
- Tabletop feet option
- Overall dimensions: 8U H x 19" W x 22" D
- Shipped fully wired and tested



Notes about the model shown above:
1. Optional hinged Plexiglas® front door in lieu of standard aluminum door.
2. Handles are installed inward to prevent damage during shipment.



Technical Specifications

Mechanical

Compatibility: ANSI/VITA 1-1994, ANSI/VITA 1.1 - 1997, IEEE 1014-1987, IEEE 1101.1 and IEEE 1101.10

Material: H5052 Aluminum, alodine coated with a grain finish

Dimensions: 13.98" H x 22" D x 19" W (17" internal chassis)

Weight: Under 17~35 lb (configuration dependent)

MTBF: Configured with 21-slot VME backplane, 800W power supply, three DC fan cooling system: >50,000 hr operating at +40°C

Electrical

Maximum Power Draw Per Slot: Approximately 40W per slot

Power Supply Input: See table below

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

Ordering Code	Max. Power (Watts)	Input Voltage	Input Frequency	Input Type	Output Voltages 3.3V	+5V	+12V	-12V

Environmental

Storage Temperature: -20ºC to +85ºC

Operating Temperature: 0ºC to +50ºC

Humidity: <95% non-condensing

Cooling: Three (3) 120mmx24mm, 12VDC fans with >250 CFM (combined)

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Ordering Information

11-1009338-XXXX

System Power

C	=	**350W**
J	=	**400W**
N	=	**600W**
O	=	**800W**

Transition Module, Fan, Door and Tabletop Foot Kit Options

A	=	T.M., AC Fan, Metal Door
B	=	T.M., AC Fan, Metal Door, Foot Kit Installed
C	=	**T.M., DC Fan, Metal Door**
D	=	**T.M., DC Fan, Metal Door, Foot Kit Installed**
E	=	No T.M., AC Fan, Metal Door
F	=	No T.M., AC Fan, Metal Door, Foot Kit Installed
G	=	**No T.M., DC Fan, Metal Door**
H	=	**No T.M., DC Fan, Metal Door, Foot Kit Installed**
I	=	T.M., AC Fan, Clear Door
J	=	T.M., AC Fan, Clear Door, Foot Kit Installed
K	=	**T.M., DC Fan, Clear Door**
L	=	**T.M., DC Fan, Clear Door, Foot Kit Installed**
M	=	No T.M., AC Fan, Clear Door
N	=	No T.M., AC Fan, Clear Door, Foot Kit Installed
O	=	**No T.M., DC Fan, Clear Door**
P	=	**No T.M., DC Fan, Clear Door, Foot Kit Installed**

Bold indicates standard configuration

Number of VME64x Backplane Slots

Without P0 Connector

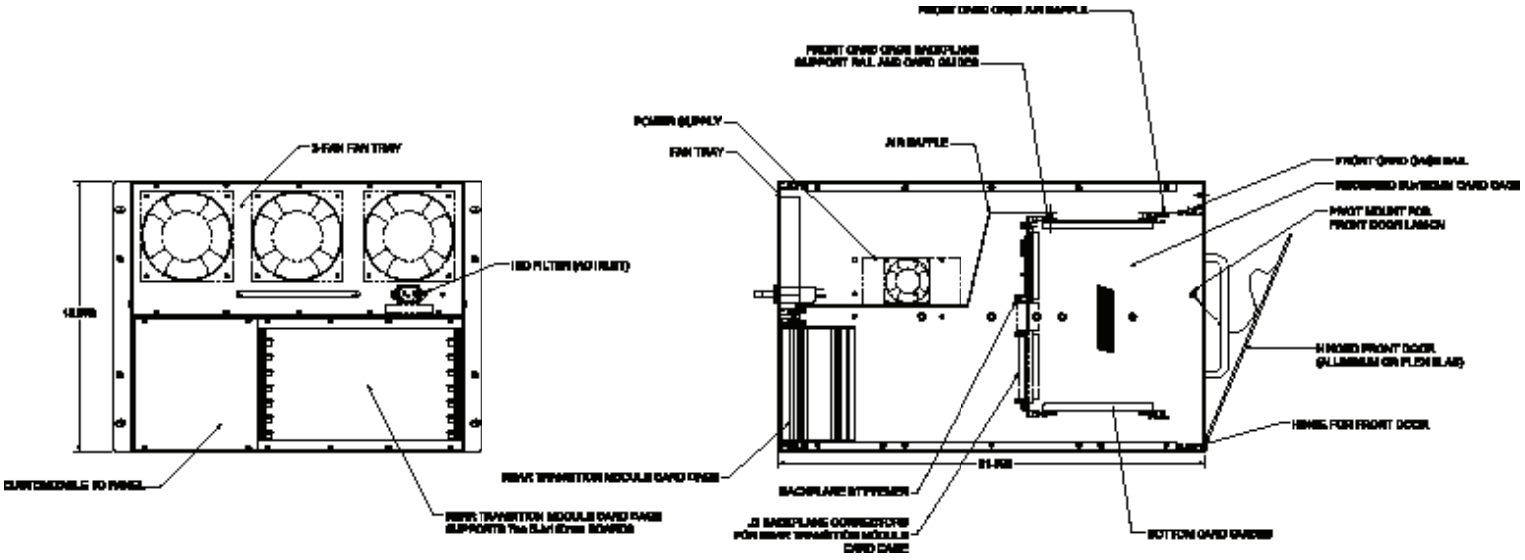
02-21	=	**2 through 21 slots, manual BG/IACK jumpering**
23-41	=	**3 through 21 slots, electronic BG/IACK jumpering**

With P0 Connector

42-61	=	**2 through 21 slots, manual BG/IACK jumpering**
63-81	=	**3 through 21 slots, electronic BG/IACK jumpering**

Dawn also offers VME64x backplanes with automatic connector BG/IACK jumpering. Call for ordering information.

Enclosure Features



Rear View **Side View**

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