

10U VME64x Powered Enclosure

...With Provisions for Drive Bay Modules

Features

- ◆ Dimensions: 10U H x 19" W x 16.35" D
- ◆ Single backplane to 21 slots, or multiple discrete backplane configurations available
- ◆ Electronic BUSGRANT/IACK, standard
- ◆ Shrouds on all P2 connectors
- ◆ Backplane stiffener installed
- ◆ 1101.10 compatible (inject/eject)
- ◆ Dual 2-slot, 5-1/4 HH drive modules
- ◆ System Health Monitor Option
- ◆ Up to 21, 6Ux80mm, 120mm or 160mm Transition Module slots
- ◆ Three high-CFM, DC cooling fans provide a bottom-to-top air path
- ◆ Perforated cover above card cage area
- ◆ Front panel main power switch/circuit breaker
- ◆ Up to 1000W power supply available
- ◆ Shipped fully wired and tested
- ◆ VMEbus and CompactPCI configurations available upon request



Overview

RME-9613 can be purchased in several VME64x configurations starting, from backplane options to power systems. Standard features abound: transition modules (clear access to all P2 rear backplane connectors), three high-CFM fans, and dual drive bay modules that accommodate up to combined four 5-1/4 half-height disk drives.

As with many other Dawn enclosures, **RME-9613** is available with rubberized mounting feet to facilitate benchtop configuration prior to rack mount deployment.

The ordering matrix provides a comprehensive selection of the most popular native configurations, though custom configurations are always available. If the configuration you need is not shown in the ordering matrix, please consult the factory.

Technical Specifications

Mechanical

Compatibility: ANSI/VITA 1-1994 and IEEE P1014
Material: H5052 Aluminum, alodine coated with a grain finish
Dimensions: 17.497" (10U) H x 16.35" D x 19" W (17" internal chassis)
Weight: Under 20~40 lb (configuration dependent)
MTBF: Configured with 21-slot VME backplane, 800W power supply, three 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
C	350 W	85~264 VAC	47~440 Hz	Autoranging	6 A	50 A	12 A	6 A
J	400 W	85~264 VAC	47~440 Hz	Autoranging	35 A	35 A	10 A	4 A
N	600 W	85~264 VAC	47~440 Hz	Autoranging	60 A	60 A	10 A	4 A
O	800 W	85~264 VAC	47~440 Hz	Autoranging	60 A	120 A	10 A	4 A

Contact factory for output ratings for VMEbus and CompactPCI configurations

Environmental

Storage Temperature: -20°C to +85°C
Operating Temperature: 0°C to +50°C
Humidity: <95% non-condensing
Cooling: Three (3) 120mmx24mm, 12VDC fans with combined CFM>250

Ordering Information

11-1010273-XXXX

System Power

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

Fan type and Tabletop Mounting Feet Option

3 = T.M., DC Fans, No Mounting Feet
4 = T.M., DC Fans, Mounting Feet Installed

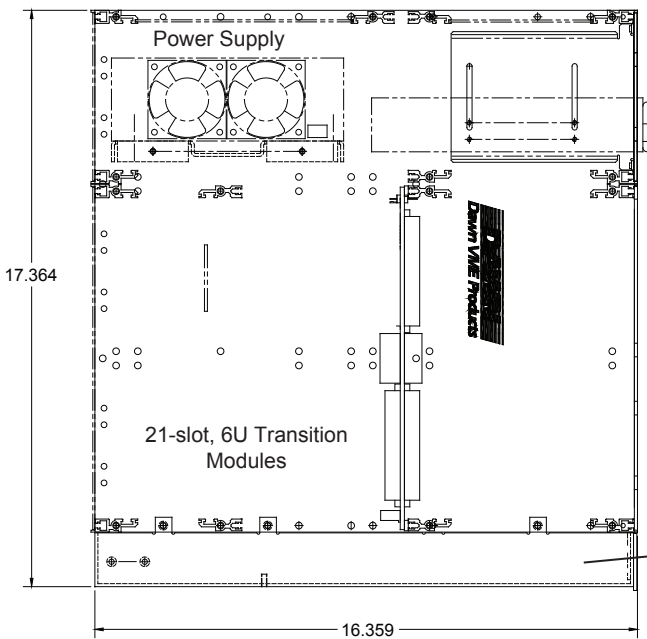
Note: Specify TM depth - 80mm, 120mm or 160mm

Number of VME Backplane J1/J2 Slots

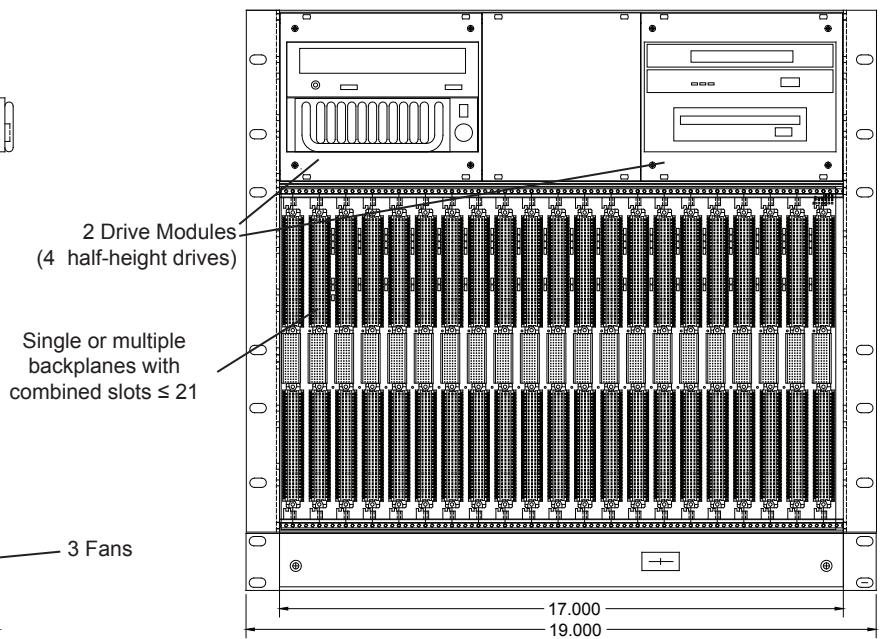
02-21 = 2 through 21 slots w/manual BG/IACK jumpering
23-41 = 3 through 21 slots w/automatic BG/IACK jumpering

Contact Dawn for VMEbus and CompactPCI configurations, as well as configurations with multiple backplanes.

Enclosure Dimensions (Rackmount Configuration Shown)



Side View



Front View

Other Accessories from Dawn:

- ◆ VME64x and CompactPCI Configurations (contact factory)
- ◆ System Health Monitor kit
- ◆ Test Extender Boards
- ◆ Peripheral Mounting Modules
- ◆ Slot Bypass Boards
- ◆ Prototyping Boards
- ◆ Form-Factor Extender Boards (FFE)
- ◆ Filler Panels: 3U, 6U or 9U x \leq 1~21 slot widths
- ◆ 3U, 6U, 9U and Custom Front Panels

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