



## V7479

### 6U VME SATA DVD/CD-R/W and Storage

#### Features

- Single Slot VME Storage Card with SATA optical drive and hard drive or solid state drive
- Optical storage is either DVD-R/W or CD-R/W
- Rotating hard drive up to 200 GByte
- Solid state drive up to 64 GByte
- Compatible with a number of GE Fanuc Intelligent Platforms Single Board Computers with SATA ports
- V7479 is supplied with two ACC-0650 rear transition modules and two SATA cables

The V7479 is a versatile mass storage module with the flexibility to offer a DVD/CD-R/W drive in combination with a SATA hard disk or Solid State Drive. This board is designed specifically for use with VME Single Board Computers (SBC) from GE Fanuc Intelligent Platforms for added I/O and storage capabilities.

The V7479 uses two incoming channels of SATA for communication to the host processor board.

The optical drive allows for maximum versatility to the user allowing for read and write access.

The dual Serial ATA channels are routed from the onboard storage devices to the VME P2 connector where the ACC-0650 rear transition module connects the signals to the host SBC.

Currently, the V7479 is compatible to the V7865, V7768, V7769, V7812 and V7875 SBCs.



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# V7479 6U VME SATA DVD/CD-R/W and Storage

## Specifications

### External Interface

- Two channels of SATA Revision 2.x from the ACC-0650 rear transition module via P2

### Optical Storage

- DVD/CD-R/W
- Allows user to read or write: DVD+R, DVD-R, DVD+R/W, and DVD-R/W
- Also allows capability for CD-R/W and standard CD-ROM

### SATA Hard Disk

- Two options: 120 GBytes or 200 GBytes
- Rotating Hard Drive

### SATA Solid State Disk

- Two options: 32 GByte or 64 GByte

### Included Accessory Kit

- Contains: two ACC-0650 rear transition modules and two Serial ATA cables

### Dimensions

- 6U (4HP) single slot Eurocard form factor
- Height 9.2 in. (233.4mm)
- Depth 6.3 in. (160mm)
- Thickness 0.8 in. (20.3mm)

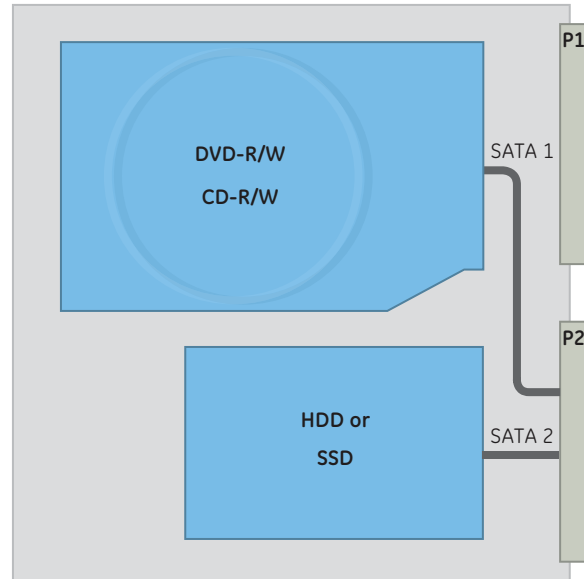
### Power Requirements

- +5 VDC (±5 percent); 2 A (typical), 2.5 A (maximum)

### Airflow

- Forced air cooling required
- 350 LFM minimum, measured at the outlet of the heatsink

## Block Diagram



## Environmentals

Cooling Method	Convection
Conformal Coating	Optional
High/Low Temperature	0° to 55° C
Storage Temperature	-50° to 100° C
Shock	Half-sine, 12g, 11 ms duration
Random Vibration	0.04 g <sup>2</sup> /Hz from 5 to 100 Hz
Humidity	Operating: relative humidity 5% to 95%, noncondensing Storage: relative humidity 5% to 95%, noncondensing
Altitude	Operating: 0 - 10,000 ft (3,000m) Storage: 0 - 40,000 ft (12,000m)

## About GE Fanuc Intelligent Platforms

GE Fanuc Intelligent Platforms, a joint venture between General Electric Company (NYSE: GE) and FANUC LTD of Japan, is an experienced high-performance technology company and a global provider of hard-ware, software, services, and expertise in automation and embedded computing. We offer a unique foundation of agile, advanced and ultra-reliable technology that provides customers a sustainable advantage in the industries they serve, including energy, water, consumer packaged goods, government and defense, and telecommunications. GE Fanuc Intelligent Platforms is a worldwide company headquartered in Charlottesville, VA and is part of GE Enterprise Solutions. For more information, visit [www.gefanuc.com](http://www.gefanuc.com).

## GE Fanuc Intelligent Platforms Information Centers



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## Additional Resources

For more information, please visit the GE Fanuc Intelligent Platforms web site at:

[www.gefanuc.com](http://www.gefanuc.com)

