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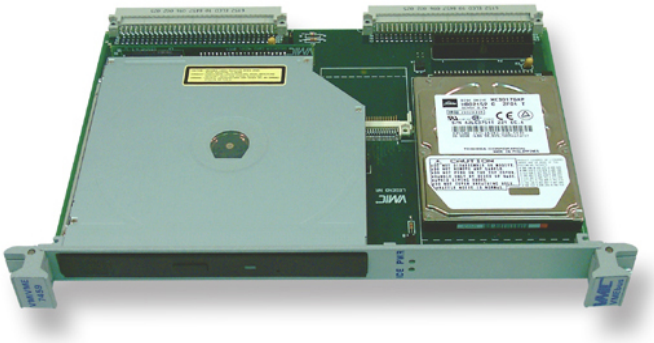
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Find the *Abaco Systems / VMIC VMIVME-7459-200* at our website: ***Click HERE***

GE Fanuc Automation

VMIVME-7459 Specifications



Single Slot VME IDE CD-RW/Hard Drive Module

Features:

- VME IDE CD/CD-RW
- Optional hard disk drive module or CompactFlash
- Single slot (4 HP) 6U form factor
- Connection via VME P2 connector

Embedded Systems

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Ordering Options							
Mar. 2, 2007 800-007459-000 F		A	B	C	D	E	F
VMIVME-7459	_				0	0	

A = CD Drive Option
0 = No Optical Drive/Hardware Included
1 = Reserved
2 = Read/Write CD Drive
3 = DVD-R/CD-RW
B = Hard Disk/CompactFlash
0 = No Hard Disk/CompactFlash
1 = Reserved
2 = Reserved
3 = 40GB IDE Disk Drive
4 = Reserved
5 = 80GB IDE Disk Drive
6 = Reserved
7 = Reserved
8 = Reserved
9 = Reserved
G = 1GB CompactFlash
C = Cable Configuration
0 = No Cables
1 = Includes Two-Slot Cable Assembly, VMXC-2
2 = Includes Three-Slot Cable Assembly, VMXC-3
3 = Reserved
4 = Includes 14-inch Cable Assembly, VMXC-H
D = Reserved (Option Reserved for Future Use)
E = Reserved (Option Reserved for Future Use)
F = Special Sales Order
0 = VME Standard Front Panel
1 = IEEE 1101.10 Front Panel
2 = VME Standard Front Panel with Conformal Coating
3 = IEEE 1101.10 Front Panel with Conformal Coating
4 = Reserved

Note

All VME single board computer products come standard with a VME specification compliant front panel.

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
Email: info.embeddedsystems@gefanuc.com
Web Address: www.gefanucembedded.com
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Functional Characteristics

Overview: The VMIVME-7459 is a versatile mass storage module for use with GE Fanuc Embedded Systems' line of VME processors. The VMIVME-7459 is available in a variety of configurations that include writable compact disc and up to 80GB hard disk storage. The assembly will support one compact disc drive and one hard disk drive for connection to a single IDE interface.

The CD-RW drive option is compatible with Photo CD, CD-I, Video CD, Enhanced CD, CD PLUS, CD-ROM-XA, CD-DA and CD-RW. Disc-At-Once, Track-At-Once, Multisession and Incremental Packet Writing formats are supported.

The CD-ROM drive option supports multisession discs and is compatible with Photo CD, CD-I, Video CD, Enhanced CD and CD PLUS.

The DVD-ROM option allows users to have the best and most versatile option provided on the VMIVME-7459. The DVD-ROM allows users to read DVD-ROM, DVD-R and DVD-RW media as well as providing the user with CD-RW capabilities and standard CD-ROM capability.

An IDE hard disk is optional. Jumpers are provided to configure either device as IDE master or slave. This permits the VMIVME-7459 flexibility in applications as it may be used as a CD-only module or a hard disk-only module in conjunction with other GE Fanuc storage modules. The fully populated VMIVME-7459 may be used with a floppy disk-only VMIVME-7452 module, for example.

Cable Options

The VMIVME-7459 establishes connection to the single board computer (SBC) IDE interface through the VME P2 user-defined pins. The type of SBC module and physical arrangement of the VME chassis determine the optional cable requirement. For a typical application with a single slot SBC, the VMIVME-7459 is physically placed adjacent to the SBC. Connection between boards is with a two-slot VMXC-2 cable assembly, or to accommodate a floppy disk module, with a three-slot VMXC-3 cable assembly. For application with a double slot GE Fanuc SBC or installations where the VMIVME-7459 is not placed adjacent to the SBC, the 14-inch VMXC-H cable assembly is recommended.

Physical/Environmental Specifications

Dimensions: 6U (4HP) single slot Eurocard form factor

Height	9.2 in. (233.25 mm)
Depth	6.3 in. (160 mm)
Thickness	0.8 in. (20.3 mm)

User Connectors: VME standard 96-pin DIN P2 connector

Interface: ATAPI/IDE

Temperature: Operating: +5° to +45° C
Storage: -20° to +60° C

Humidity: 20% to 80%, noncondensing, maximum wet bulb 29°C

CD-RW Transfer Rate: (8X/8X/24X)

Random Access Time: 130ms, typical

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Power Requirements:
+5VDC (±5 percent), 20mA (typical standby mode), 600mA (typical sequential read)

Trademarks

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Embedded Systems

GE Fanuc Embedded Systems Information Centers

Americas:

Huntsville, AL	1 800 322-3616
	1 (256) 880-0444
Camarillo, CA	1 (805) 987-9300
Greenville, SC	1 (864) 627-8800
Richardson, TX	1 (972) 671-1972

Europe, Middle East and Africa:

Edinburgh, UK	44 (131) 561-3520
Paris, France	33 (1) 4324 6007

Additional Resources

For more information, please visit the GE Fanuc Embedded Systems web site at:

www.gefanucembedded.com

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