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Find the *Abaco Systems / VMIC VMIVME-7455-000* at our website: ***Click HERE***

VMIVME-7455
Single-Slot VMEbus IDE CD-ROM Drive Module

- 24X IDE CD-ROM drive or faster
- Standard VMEbus 6U single-slot form factor
- Utilizes VMEbus P2 to connect to single-board computer (SBC)

INTRODUCTION — The VMIVME-7455 is a 6U single-slot VMEbus module that provides a multi-session CD-ROM drive capability for VMIC's line of embedded VMEbus computers. The drive is compatible with CD-I, Video CD, Enhanced CD, and CD PLUS.

CABLE OPTIONS — The VMIVME-7455 establishes connection to the single board computer (SBC) IDE interface through the VMEbus P2 user-defined pins. The type of SBC module and physical arrangement of the VME chassis determine the optional cable required. For typical application with a single-slot SBC, the VMIVME-7455 is physically placed adjacent to the SBC and VMIVME-7452 combination. Connection between the boards is accomplished with the VMXC-3 cable assembly. For applications with a two slot computer, or installations where the VMIVME-7455 is not placed adjacent to the computer, the 14-inch VMXC-H cable assembly is recommended.

The VMIVME-7455 is an IDE slave only device. For applications where the VMIVME-7455 must be configured as IDE master device or when it is the only device on the IDE interface; for example, when used with a VMIVME-7751 with an internal hard disk drive, a different cable assembly is required. When the VMIVME-7455 is placed adjacent to the VMEbus computer, use the VMXC-9 cable. For applications where the VMIVME-7455 is used with a two-slot computer, such as the VMIVME-7751, use the VMXC-K cable.

SPECIFICATIONS

Physical Dimensions: Standard VME double height Eurocard (one slot)
160 x 233.25 x 20.32 mm

User Connectors: VME standard 96-pin DIN P2 connector

Interface: ATAPI/IDE

Ambient Temperature:
Operating: 5 to 50 ˚C
Nonoperating: 0 to 55 °C

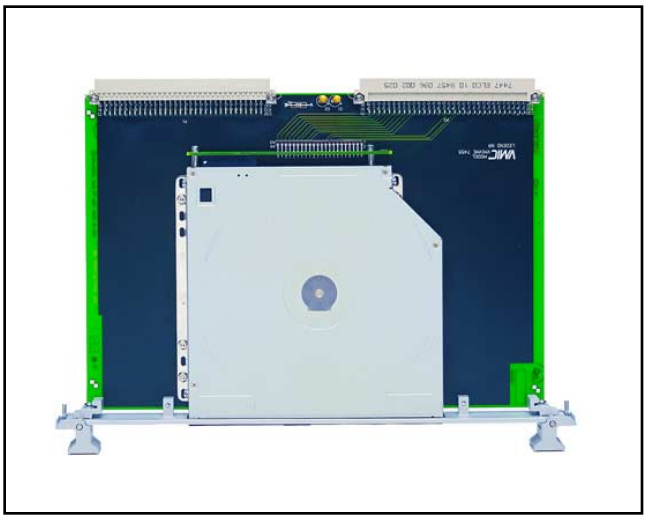
Humidity: 20 to 80 percent, noncondensing, maximum wet bulb 29 °C

CD-ROM Transfer Rate (Sustained): 1,548 to 3,600 Kbyte/s (FULL - CAV)

CD-ROM Transfer Rate (Burst): 16.7 Mbyte/s

Random Access Time: 130 ms, typical

Vibration:
Operating: 0.15 G or less (5 to 300 Hz, horizontal operation)
Nonoperating: 2 G or less (5 to 300 Hz)



Shock:
Operating: 5 G or less (half sine wave 11 ms)
Nonoperating: 60 G or less (half sine wave 11 ms)

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

TRADEMARKS

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Ordering Options								
June 30, 2003 800-007455-000 G		A	B	C	–	D	E	F
VMIVME-7455	–		0		–			

A = Cable Configuration (Refer to text for application information)
0 = Reserved
1 = Reserved
2 = Reserved
3 = Includes Three-slot Cable Assembly, VMXC-3
4 = Reserved
5 = Includes 14-inch Cable Assembly, VMXC-H
6 = Includes Three-slot Cable Assembly, VMXC-9
7 = Includes 14-inch Cable Assembly, VMXC-K

BC = Indicates Disk Module Configuration
00 = CD-ROM Drive Only
01 = Reserved

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
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