VMIC — A GE Fanuc Company

- Transitions two Ethernet ports, two serial ports, two USB ports, parallel port, IDE, keyboard/mouse, and floppy signals from CompactPCI® J3 and J4 connectors to standard I/O connectors
- Provides two RJ45 Ethernet connectors
- Provides two DB-9 male serial port connectors
- Provides a standard DB-25 parallel port connector
- Provides enhanced IDE 40-pin connector
- Provides 34-pin floppy disk drive connector
- Provides two standard USB connectors
- Provides Type I or Type II CompactFlash socket
- Provides a shared keyboard/mouse connector with adapter cable
- IEEE P1101.11 compliant
- CompactPCI Rev. 2.1 compliant
- 6U height, 80 mm minimum depth

INTRODUCTION — The VMIACC-0320 is designed to be used in conjunction with the VMICPCI-7760 single-board computer (SBC). The VMIACC-0320 mounts in the rear transition area of the backplane and provides access to the serial, USB, enhanced IDE, floppy, parallel port, and keyboard/mouse connectors by way of the J3 and J4 connectors.

The CompactPCI J3 and J4 connectors carry all associated signals from the 6U front mount SBCs through the backplane to the VMIACC-0320 J3 and J4 connectors (see Figure 1).

HEADERS AND CONNECTORS — The two Ethernet ports use standard RJ45 connectors. The two serial ports use standard DB-9 male connectors. The two USB ports are standard USB connectors. The IDE and floppy are standard 40- and 34-pin header connectors, respectively. IDE and floppy cabling should be limited to a maximum of 18 inches. The parallel port signal is supported on a standard DB-25 connector. The keyboard/mouse port is shared on a standard connector with an adapter provided.

PHYSICAL/ENVIRONMENTAL

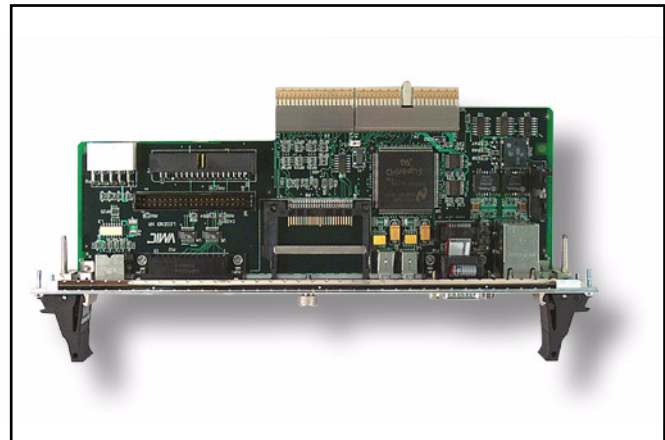**Physical Dimensions:** 6U single Eurocard format, two slots

Height:	9.2 in. (233.4 mm)
Depth:	3.15 in. (80 mm)
Thickness:	1.6 in. (40.6 mm)

Power Requirements: Power for the VMIACC-0320 is +5 V, +3.3 V, +12 V, and -12 V, supplied through the J3/J4 connectors on the CompactPCI backplane.

Because the VMIACC-0320 is required for the operation of the VMICPCI-7760, the power requirements of the VMIACC-0320 are included in the total requirements listed on the VMICPCI-7760 specification.

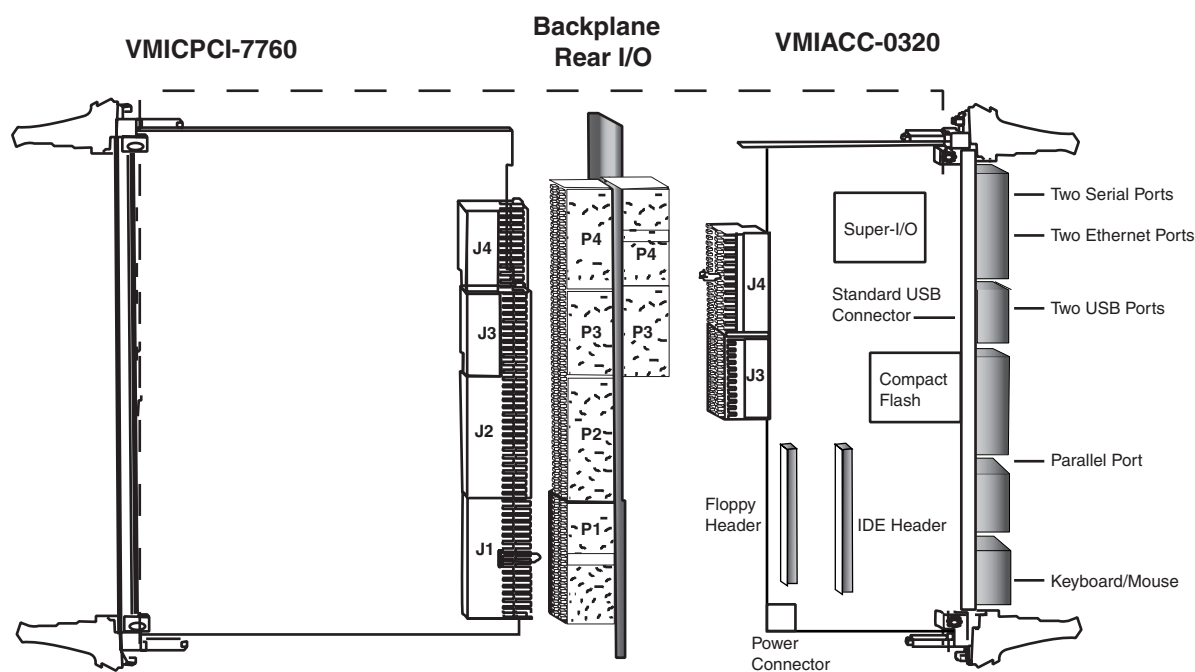**Temperature Range:** 0 to 50 C° operating

Relative Humidity Range: 10 to 90 percent, noncondensing

Ordering Options							
November 1, 2001 800-800320-000 C	A	B	C	–	D	E	F
VMIACC-0320	–	0	0		–		

AB = 00 (Options reserved for future use)
C = CompactFlash Drive
- 0 = None
- 1 = 8 Mbyte
- 2 = Reserved
- 3 = Reserved
- 4 = 64 Mbyte
- 5 = Reserved
- 6 = 128 Mbyte
- 7 = Reserved
- 8 = 192 Mbyte

Note
This transition card is required for the VMICPCI-7760. The VMICPCI-7760 will not operate without this card installed in the system.

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
E-mail: info@vmic.com Web Address: www.vmic.com
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Figure 1. VMIACC-0320 and Rear I/O with VMICPCI-7760