

- Transitions parallel port, two USB ports, two serial ports, IDE and floppy signals from CompactPCI® J3 and J5 connectors to standard I/O connectors on the VMICPCI-7761
- Provides one DB-25 parallel port connector
- Provides two DB-9 serial port connectors
- Provides two standard USB connectors
- Provides enhanced IDE 40-pin connector
- Provides 34-pin floppy disk drive connector
- IEEE P1101.11 compliant
- CompactPCI Rev. 2.1 compliant
- 6U height, 80 mm minimum depth

INTRODUCTION — The VMIACC-0579 is designed to be used in conjunction with the VMICPCI-7761 CompactPCI single-board computer (SBC). The VMIACC-0579 mounts in the rear transition area of the backplane and provides access to the USB, serial, parallel, enhanced IDE and floppy disk connectors by way of the J3 and J5 connectors.

The CompactPCI J3 and J5 connectors carry all associated signals from the 6U front mount SBCs through the backplane to the VMIACC-0559 J3 and J5 connectors (see Figure 1).

IDE and floppy peripherals can be accessed either through on-board headers when an integrated system is required or through the rear panel CompactPCI connectors.

HEADERS AND CONNECTORS — The two serial ports use DB-9 connectors.

The IDE and floppy are standard 40- and 34-pin header connectors, respectively. The parallel port is a standard DB-25 female connector.

IDE and floppy cabling should be limited to a maximum of 18 inches.

PHYSICAL/ENVIRONMENTAL

Physical Dimensions: 6U single Eurocard format, single slot

Height: 9.2 in. (233.4 mm)

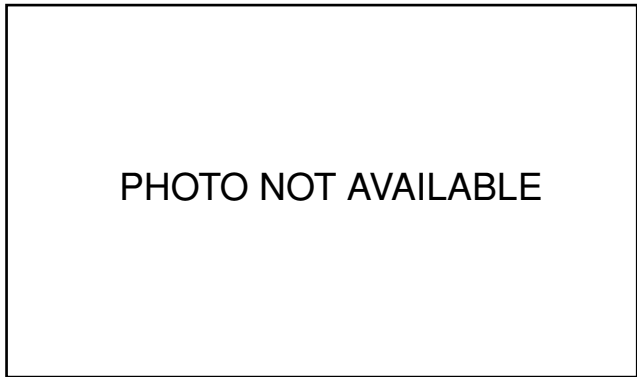
Depth: 3.15 in. (80 mm)

Thickness: 0.8 in. (20.3 mm)

Power Requirements: Power for the VMIACC-0579 is supplied through the J3 and J5 connectors on the CompactPCI backplane.

Temperature Range: 0 to 70 °C operating, forced air cooling required

Relative Humidity Range: 10 to 90 percent, noncondensing



TRADEMARKS

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Ordering Options								
March 10, 2003 800-800579-000 A	A	B	C	-	D	E	F	
VMIACC-0579	-	0	0	0	-			
ABC = 000 (Options reserved for future use)								
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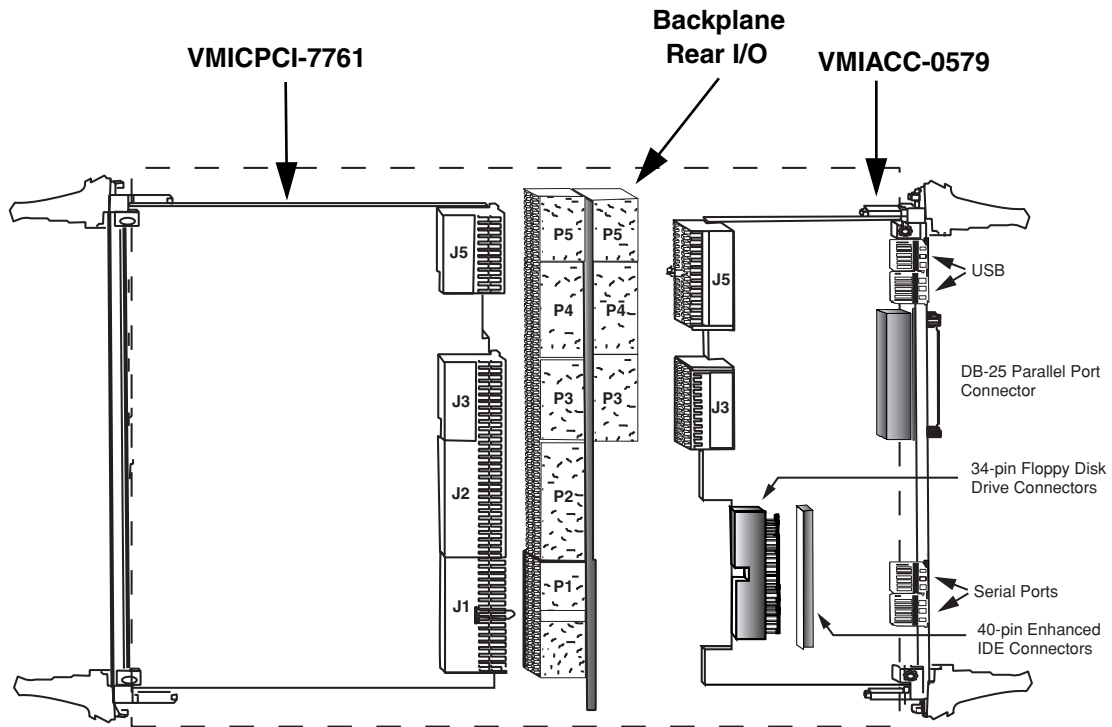


Figure 1. VMIACC-0579 and Rear I/O with VMICPCI-7761