

- Transitions two serial ports, one parallel port, USB port, PMC I/O, IDE, and floppy signals from CompactPCI® J3, J4 and J5 connectors to standard I/O connectors
- Provides one DB-9 male serial port connector for COM1 and one internal 10-pin header for COM2
- Provides one DB-25 connector for the parallel port
- Provides enhanced IDE 40-pin connector
- Provides 34-pin floppy disk drive connector
- Provides one standard USB connector
- Provides one standard 68-pin connector for PMC I/O
- IEEE P1101.11 compliant
- CompactPCI Rev. 2.1 compliant
- 6U height, 80 mm minimum depth

INTRODUCTION — The VMIACC-0578 is designed to be used in conjunction with the VMICPCI-7755 single-board computer (SBC). The VMIACC-0578 mounts in the rear transition area of the backplane and provides access to the serial, parallel, USB, enhanced IDE, floppy, and PMC I/O by way of the J3, J4 and J5 connectors. The CompactPCI J3, J4 and J5 connectors carry all associated signals from the 6U front mount SBC through the backplane to the VMIACC-0578 J3, J4 and J5 connectors (see Figure 1).

HEADERS AND CONNECTORS — The rear panel serial port (COM1) is a standard DB-9 male connector and COM2 is an internal 10-pin header. The USB port is a standard USB connector. The parallel port is a standard DB-25 connector. 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 PMC I/O signals are supported on one 68-pin mass termination connector (Robinson Nugent P50E-068-PI-SRI-TG or Kel 8830E-068-170L) available on the rear panel.

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-0578 is +5 V, supplied through the J3 connector on the CompactPCI backplane

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

Relative Humidity Range: 10 to 90 percent, noncondensing

MTBF: 1,920,318 hours (Bellcore)

PHOTO NOT AVAILABLE

TRADEMARKS

The VMIC logo is a registered trademark of VMIC. CompactPCI and PICMG are registered trademarks of PCI Industrial Computer Manufacturers' Group. Other registered trademarks are the property of their respective owners.



Ordering Options							
Feb. 4, 2003 800-800578-000 A	A	B	C	-	D	E	F
VMIACC-0578	-	0	0	0	-		
A = Handle 0 = Panel Includes Handle 1 = No Handle BC = 00 (Options reserved for future use)							
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 Copyright © December 2002 by VMIC Specifications subject to change without notice.							

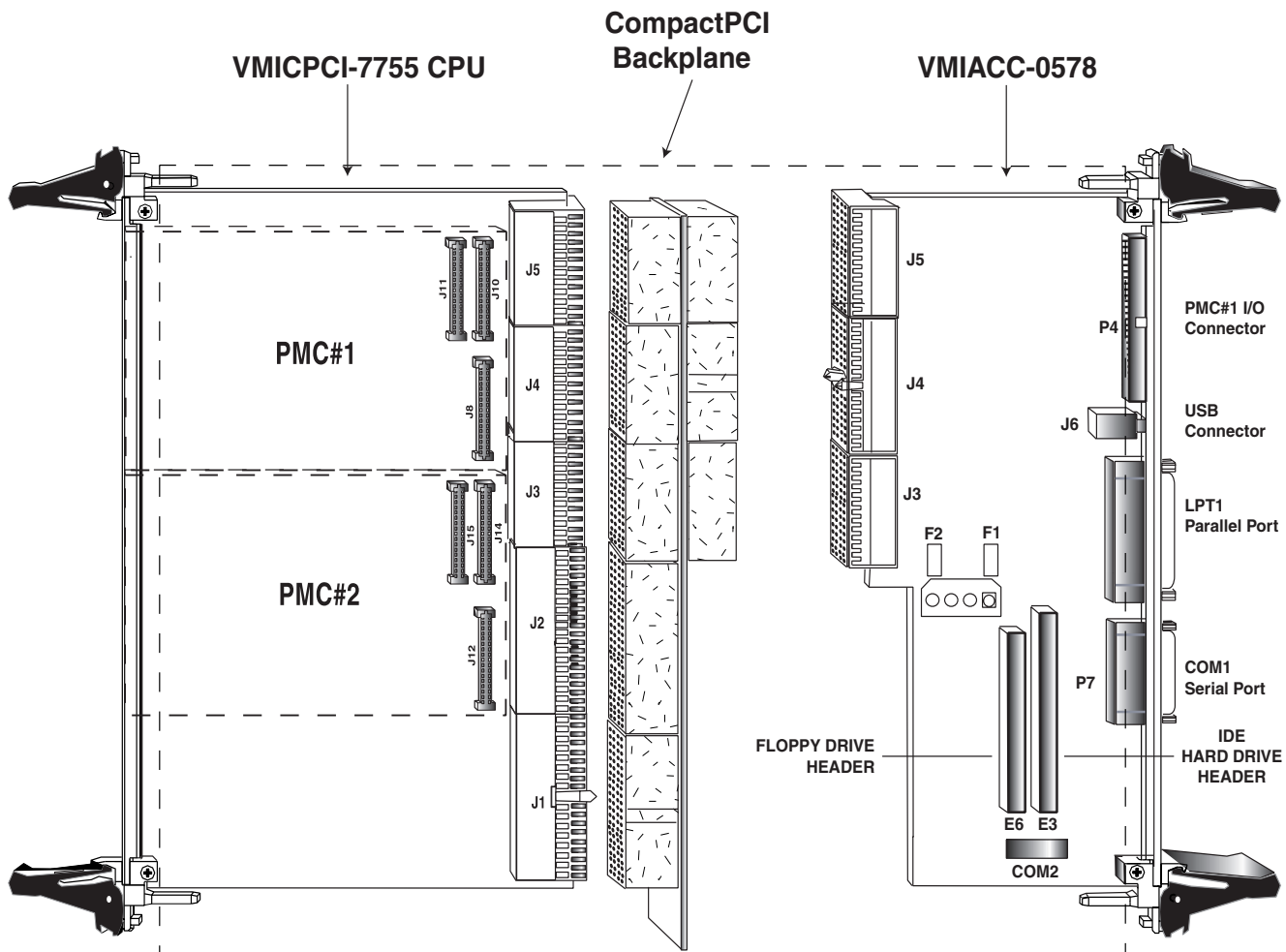


Figure 1. VMIACC-0578 and Rear I/O with the VMICPCI-7755