

- Transitions parallel port, two USB ports, VGA, PS/2 keyboard/mouse, IDE and floppy signals from CompactPCI® J3, J4 and J5 connectors to standard I/O connectors
- Provides one DB-25 parallel port connector
- Provides enhanced IDE 40-pin connector
- Provides 34-pin floppy disk drive connector
- Provides two standard USB connectors
- Provide one standard VGA connector
- Provides one standard combined PS/2 keyboard/mouse connector
- IEEE 1101.11 compliant
- CompactPCI Rev. 2.1 compliant
- 6U height, 80 mm minimum depth

**INTRODUCTION** — The VMIACC-0580 is designed to be used in conjunction with the VMICPCI-7757 single-board computer (SBC). The VMIACC-0580 mounts in the rear transition area of the backplane and provides access to the VGA, PS/2, USB, enhanced IDE, floppy and parallel port 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 SBCs through the backplane to the VMIACC-0580 J3, J4 and J5 connectors (see Figure 1).

**HEADERS AND CONNECTORS** — The parallel port uses a standard DB-25 connector. The 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 VGA is a 15-pin high-density D-subminiature connector. The keyboard and mouse use a 6-pin DIN-type connector.

### 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-0580 is supplied through the J3, J4 and J5 connectors on the CompactPCI backplane

**Temperature Range:** 0 to 65 °C operating, forced air cooling required

**Relative Humidity Range:** 10 to 90 percent, noncondensing

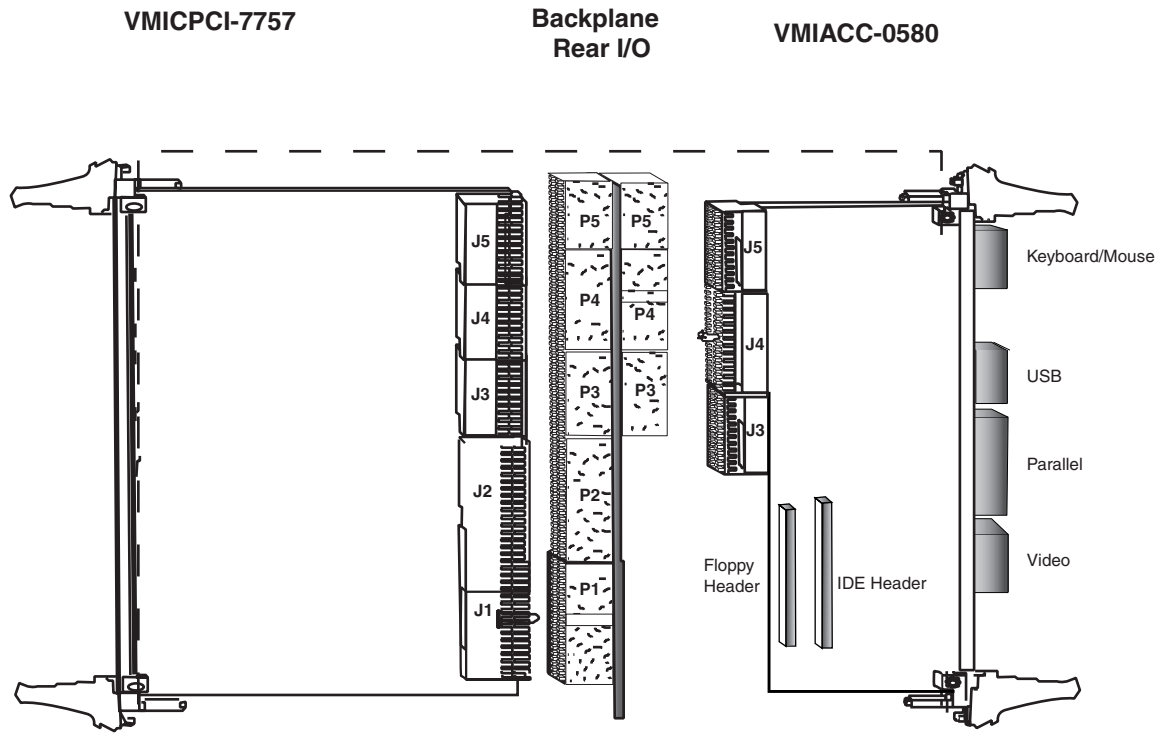
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**Figure 1. VMIACC-0580 and Rear I/O with VMICPCI-7757**