

# RIO-3396MIL

## 6U CompactPCI® Rear Transition Board for MIC-3396MIL

Preliminary



### Features

- External rear-panel interface connector for MIC-3396MIL CPU board
- Supports SATA Gen II & III, USB 3.0, GbE, PS/2, COM and DVI interface
- 2x SATA II and 2x SATA III pin headers
- 2x RJ45 GbE and 2x PICMG 2.16 LAN ports on the rear panel
- 1x digital DVI port and 1x VGA port on the rear panel
- 1x UHM connector to support USB 3.0 and SATA Gen III signal



### Introduction

The RIO-3396MIL is the Rear Transition Module (RTM) supporting SATAII/III, USB3.0 connectivity to the main CPCI board enabling significant value-added features and extensions to next generation CPCI blades such as MIC-3396MIL. The RIO-3396MIL supports: one PS/2 port, two USB 3.0 ports, four RS-232/485/422 ports, one VGA, two Gigabit Ethernet ports, two PICMG 2.16 LAN ports, one digital DVI port on the rear panel. One UHM connector on J5 allows supporting USB 3.0 and SATA Gen III (6 Gb/s).

### Specifications

CompactPCI Connector	J1 / J3 / J4 / J5		
Power	Power Input	+5 V	
Environment	Temperature	Operating -40 ~ 85 °C (32 ~ 140 °F)	Non-Operating -40 ~ 85 °C (-40 ~ 185 °F)
	Humidity	95% @ 40 °C, non-condensing	95% @ 60 °C, non-condensing
	Physical Characteristics	Dimensions (W x D)	233.35 x 80 mm (9.2" x 1.5"), 1-slot width
	Weight	0.3 kg (0.66 lbs)	

### Ordering Information

Part Number	Rear Panel						On-board Header / Socket / Connector					
	LAN	PS/2*	COM (RJ45)	USB 3.0	DVI-D	VGA	Audio	USB 2.0	COM	SATA	Slot Width	Conn.
RIO-3396MIL-A1E	4	1	1*	2	1	1	1	2 (4 ports)	4*	4	1	J1, J3, J4, J5

\*Note: One PS/2 port carries the signals for keyboard and mouse. Y cable is included. There are four RS-232/485/422 ports max, including from rear panel and on-board header.

### Recommended Configurations

Rear I/O Board	CPU Board
RIO-3396MIL-A1E	MIC-3396MIL Series

#### RIO-3396MIL-A1E

