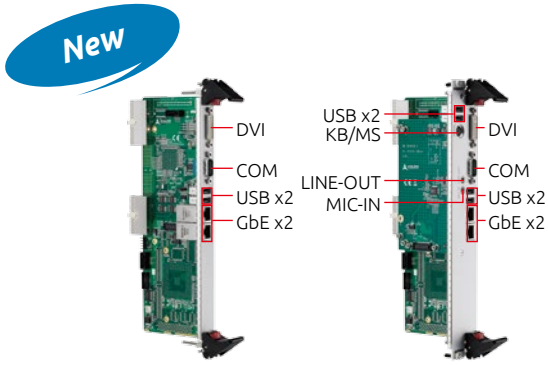
cPCI-R6002 Series

6U CompactPCI Rear Transition Module with Rich I/O Interfaces

Features

- Rear Transition Module for ADLINK cPCI-6940, cPCI-6930, cPCI-6530, cPCI-6520, cPCI-6510, cPCI-6510, cPCI-6210 processor blades
- Two onboard 7-pin SATA 3Gb/s connectors and one optional onboard 2.5" SATA drive space
- DVI-I output dependent on processor blade, convertible to VGA by adapter
- GbE, USB, COM interfaces on faceplate
- Dual slot 8HP version available with additional I/O interfaces



cPCI-R6002 cPCI-R6002D

Specifications

- **Mechanical & Environmental**

Form Factor

6U 4HP/8HP CompactPCI Rear Transition Module
233.35mm x 80mm
Equipped with CompatcPCI HM connectors J3, J4, J5

Operating Temperature

Standard Temperature: 0°C to 60°C

Storage Temperature

-40°C to 85°C

- **Connectivity**

Graphics

One DVI-I connector convertible to VGA by adapter

Ethernet

Two LAN ports on faceplate routed from processor board J3 switched from PICMG 2.16

USB

1-slot: Two USB 2.0 ports on faceplate one onboard USB 2.0 by pin header for expansion
2-slot: Two additional USB 2.0 ports on faceplate by layer 2 daughter board

Serial Port

One RS-232/422/485 by DB-9 on faceplate
One onboard COM box header supports TX/RX only

Audio

Mic-in/Line-out audio jack on faceplate supported by Realtek ALC262 HD Audio codec (2-slot 8HP version only)

PS/2

One PS/2 keyboard/mouse on faceplate (2-slot 8HP version only)

PIM

Optional PIM support (contact your ADLINK representative for details)

- **Storage**

SATA

Two 7-pin SATA 3Gb/s signal connectors
One optional onboard 2.5" SATA 3Gb/s drive space by daughter board (2-slot 8HP version only)

- **Compatibility**

Processor Blades

cPCI-6940/cPCI-6930/cPCI-6530/cPCI-6520/cPCI-6510/cPCI-6210

Ordering Information

- **cPCI-R6002**
  1-slot (4HP) cPCI-R6002 with DVI, USB x2, GbE x2, COM x1, 2x SATA ports
- **cPCI-R6002D**
  2-slot (8HP) cPCI-R6002D with DVI, USB x4, GbE x2, COM x1, audio, PS/2 KB/MS and 3x SATA ports

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I/O Table

Model		GbE	USB 2.0	COM	DVI	SATA	Mic-in/Line-out	PS/2 KB/MS
cPCI-R6002	Faceplate	2	2	1	1[1]	-	-	-
	Onboard	-	1 (5-pin)	1 (10-pin)[3]	-	2 (7-pin)	-	-
cPCI-R6002D	Faceplate	2	4	1	1[1]	-	1	1
	Onboard	-	1 (5-pin)	1 (10-pin)[3]	-	3[2]	-	-

(1) Supports VGA only when mated with cPCI-6930.
(2) Two 7-pin SATA connectors and one onboard 2.5" SATA drive space
(3) TX/RX only

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