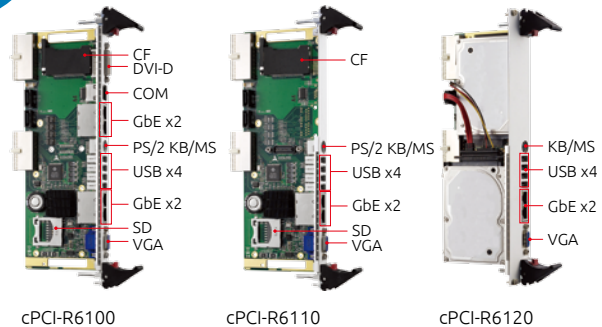


cPCI-R6100 Series

6U CompactPCI® Rear Transition Module with Intel® Ethernet Controller I350-AM2

Features

- Intel® Ethernet Controller I350-AM2
- Up to four Ethernet GbE ports
- Dual display, DVI and VGA
- CompactFlash and SD card slots for onboard storage
- Up to two 2.5" SATA drive on cPCI-R6120



Specifications

Processor & System

Standards

PICMG 2.0 CompactPCI R3.0
 PICMG 2.16 Packet Switch Backplane R1.0

Display

One DVI-D and one VGA on rear panel

Ethernet

Two routed from processor blade via J3 provided by PICMG 2.16
 Two supported by Intel® Ethernet Controller I350-AM2
 Up to four Ethernet GbE ports on rear panel

USB

Up to four USB 2.0 ports on rear panel

Serial Port

One RS-232/422/485 RJ-45 port on rear panel

PS/2

One 10-pin keyboard mouse box header

Storage

SATA

Two 7-pin SATA signal connectors, one for onboard 2.5" SATA drive connectivity
 One CompactFlash converted from USB
 One SD card slot
 One onboard 2.5" SATA port cPCI-R6110
 Space for up to 2x 2.5" SATA drives on cPCI-R6120

Mechanical & Environmental

Form Factor

6U 4HP/8HP CompactPCI Rear Transition Module
 233.35mm x 80mm

Operating Temperature

0°C to 60°C
 Storage Temperature: -40°C to 85°C

Certification

CE/FCC

Ordering Information

- **cPCI-R6100**
 4HP Rear I/O module with GbEx4, COM, 4x USB, 2x SATA, DVI, VGA, PS/2, CF, SD
- **cPCI-R6110**
 4HP Rear I/O module with GbEx2, 4x USB, 3x SATA, VGA, PS/2, SD, CF
- **cPCI-R6120**
 8HP Rear I/O module with GbEx2, 4x USB, 2x SATA, VGA, PS/2, CF, SD with space for two SATA drives

I/O Table

Model		GbE	USB 2.0	COM	DVI	VGA	SATA	CF	PS/2 KB/MS	SD
cPCI-R6100	Faceplate	4 ⁽¹⁾	4	1 (RJ-45)	1 ⁽²⁾	1			1	
	Onboard						2 (7-pin)	1 ⁽³⁾		1
cPCI-R6110	Faceplate	2	4			1			1	
	Onboard						3 ⁽⁴⁾⁽⁵⁾	1 ⁽³⁾		1
cPCI-R6120	Faceplate	2	4			1			1	
	Onboard						2 ⁽⁴⁾⁽⁵⁾ (2.5" onboard)			1

(1) Two GbE ports are from independent Intel® Ethernet Controller I350-AM2 on RTM

(2) Supports VGA only when mated with cPCI-6930, cPCI-6880(P), cPCI-6870

(3) Converted from USB which unable to support Windows OS installation.

(4) Two onboard 7-pin signal connectors for external drives and one direct connector for onboard 2.5" SATA drive.

(5) Space is reserved onboard for one 2.5" SATA drive

Mouser Electronics

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