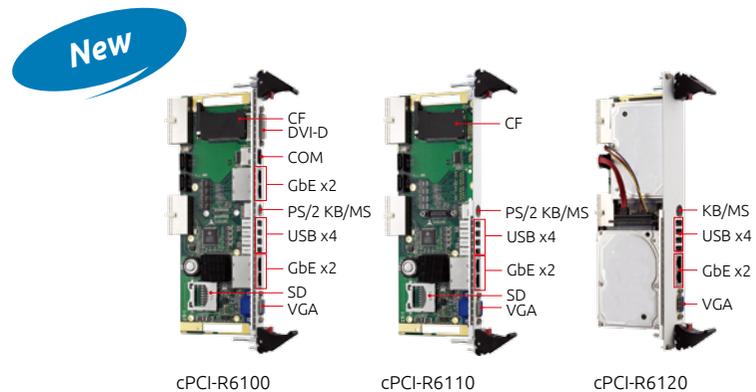


# cPCI-R6100 Series

## 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 <sup>(1)</sup>	4	1 (RJ-45)	1 <sup>(2)</sup>	1			1	
	Onboard						2 (7-pin)	1 <sup>(3)</sup>		1
cPCI-R6110	Faceplate	2	4			1			1	
	Onboard						3 <sup>(4)(5)</sup>	1 <sup>(3)</sup>		1
cPCI-R6120	Faceplate	2	4			1			1	
	Onboard						2 <sup>(4)(5)</sup> (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