

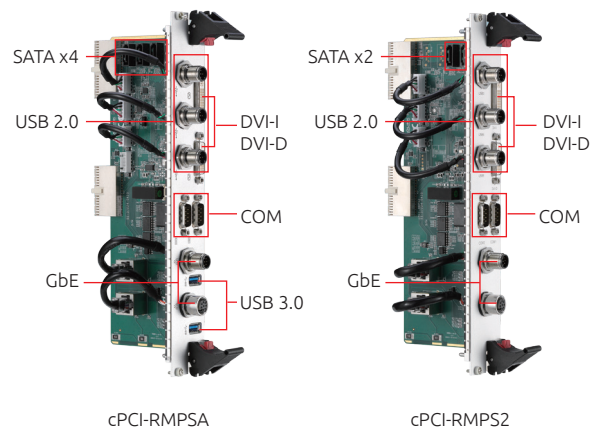
cPCI-RMPSA

6U CompactPCI® Rear Transition Module with ruggedized M12 connectors

Features

- Dual display with DVI-I and DVI-D
- Ruggedized USB 2.0, GbE M12 connector
- Dual serial ports and optional USB 3.0
- Compatible CPU boards: cPCI-6530/cPCI-6520/cPCI-6940

CompactPCI®



Specifications

• Processor & System

PICMG standards

PICMG® 2.0 CompactPCI® Rev. 3.0

• Connectivity

Ethernet

Two Ethernet ports from rJ3 by flying cable

Graphics

1x DVI-I and 1x DVI-D from rJ5

USB

3x USB 2.0 in M12 ruggedized connector from rJ3

2x USB 3.0 routed to rear from rJ5

1x USB 2.0 in 5-pin header from rJ3

Serial Port

1x RS-232/422/485 in DB-9 from rJ3

Additional 1x RS-232 TX/RX in DB-9 from rJ3

1 RS-232 TX/RX in 10-pin header on board

• Storage

RTM

4x SATA in 7-pin connector

• Operating System

OS

Dependent on the CPU board OS

• Mechanical & Environmental

Form Factor

6U 8HP CompactPCI

233.33mm x 160mm (LxW)

Equipped with rJ3, rJ5 HM connectors

Operating Temp.

Operating Temperature: 0°C 60°C

Extended Temperature: -20°C to 70°C (dependent by CPU board selected)

Storage Temp.: -50°C to 100°C

Relative Humidity: 95% non-condensing

Shock

15G peak-to-peak, 11ms duration, non-operating

Vibration

2Grms random vibration, 5-500Hz, each axis, operating

Certifications

CE/FCC

• Compatible CPU board

CPU boards

cPCI-6530/cPCI-6520/cPCI-6940

I/O Table

Model		GbE	USB 3.0	USB 2.0	COM	DVI	SATA
cPCI-RMP5A	Faceplate	2 (M12)	2	3 (M12)	2	DVI-I, DVI-D	-
	Onboard	-	-	1	1	-	4
cPCI-RMP52	Faceplate	2 (M12)	-	3 (M12)	2	DVI-I, DVI-D	-
	Onboard	-	-	1	1	-	2

Ordering Information

- **cPCI-RMP5A**
6U 8HP RTM with 2x M12 GbE, 3x M12 USB 2.0, DVI-I, DVI-D,
2x COM, 2x USB 3.0 for paired with cPCI-6940
- **cPCI-RMP52**
6U 8HP RTM with 2x M12 GbE, 3x M12 USB 2.0, DVI-I, DVI-D,
2x COM for paired with cPCI-6530 and cPCI-6520

Mouser Electronics

Authorized Distributor

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