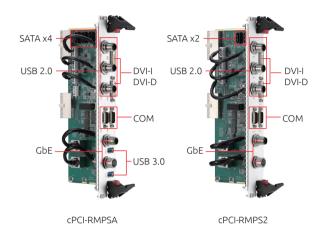# cPCI-RMPSA

*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®*



cPCI-RMPSA      cPCI-RMPS2

## 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-RMPSA | Faceplate | 2 (M12) | 2 | 3 (M12) | 2 | DVI-I, DVI-D | - |
| | Onboard | - | - | 1 | 1 | - | 4 |
| cPCI-RMPS2 | Faceplate | 2 (M12) | - | 3 (M12) | 2 | DVI-I, DVI-D | - |
| | Onboard | - | - | 1 | 1 | - | 2 |

# Ordering Information

- **cPCI-RMPSA**
  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-RMPS2**
  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

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