



PART NUMBER: 3U-PER-SATACTRL

A peripheral slot board for PICMG® CompactPCI® serial systems, equipped with four USB3/eSATA front panel combo connectors. The card is comprised of an USB 3.0 SuperSpeed controller, and a SATA III RAID controller, hence each front panel connector is suitable for attachment of either USB 3.0, USB 2.0 or eSATA based peripheral devices.

SPECIFICATION

<p>Summary</p>	<ul style="list-style-type: none"> • PICMG® CompactPCI® Serial Standard (CPCI-S.0) Peripheral Slot Card • Single Size Eurocard 3U 4HP 100x160mm2 • CPCI-S Backplane Connector P1 • Triple port PCI Express® Gen2 package switch • Upstream port: 4 x PCI Express® lanes Gen1 (2.5Gbps) or Gen2 (5.0Gbps) supported • Texas Instruments PCI Express® to quad-port USB 3.0 controller • PCI Express® x 1 Gen2 interface for optimum performance • USB 3.0 xHCI (eXtensible host controller interface) SuperSpeed • USB 2.0 high-speed, full-speed, low-speed supported • VBUS (+5V) 1.5A high current for each port eliminates need for external power supplies • Four front bezel USB 3.0 type A combo receptacles for attachment of external USB devices • Marvell® PCI Express® 2.0 to SATA III host controller • PCI Express® x 2 Gen2 interface for optimum performance) • Four SATA 6Gbps interface ports (backward support 3Gbps and 1.5Gbps) • Native Command Queuing • Hardware RAID 0/1/10 • On-the-fly AES encryption 128/256-bit • AHCI driver support, Marvell® Storage Management (Windows® & Linux) • Four front bezel eSATA combo connectors for attachment of external eSATA devices • +5V 1.5A eSATAp (power over eSATA) with suitable cable harness (USB VBUS) • Rugged Solution (Coating/Sealing Available on Request) • Long term availability • RoHS compliant 2002/95/EC • Operating temperature: 0°C to +65°C (industrial temperature range on request) • Storage temperature: -40°C to +85°C, max. gradient 5°C/min • Humidity 5% ... 95% RH non condensing • Altitude -300m ... +3000m • Shock 15g 0.33ms, 6g 6ms • Vibration 1g 5-2000Hz
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The Power to Outperform

Would you like to find out more? Be sure to speak to our on-stand team or contact us via the details here and we would be happy to help.

-  Unit 13 Suttons Business Park, Reading, RG6 1AZ
-  0118 929 4990
-  uk.sales@hiper-global.com
-  www.hiper-global.co.uk