



### PART NUMBER: 3U-PER-USB

- PICMG® CompactPCI® serial standard (CPCI-S.0) peripheral slot card
- Single size Eurocard - 3U mounting height
- CPCI-S backplane connector P1 (PCIe x 4 or PCIe x 1 upstream to host)
- P4 - USB (rear I/O)
- P3 - USB (rear I/O)
- P2 - sideband (rear I/O)

### SPECIFICATION

<b>PCI Express® Interface</b>	<ul style="list-style-type: none"> <li>• Five port PCI Express® Gen2 package switch</li> <li>• Upstream port: PCI Express® Gen2 (5.0Gbps) or Gen1 (2.5Gbps) 1 x 4 or 1 x 1 supported</li> <li>• Downstream ports PCI Express® Gen2 (5.0Gbps) 4 x 1 supported</li> </ul>
<b>USB Interfaces</b>	<ul style="list-style-type: none"> <li>• 4 x Texas Instruments PCI Express® to quad-port USB 3.0 controller</li> <li>• PCI Express® x 1 Gen2 interface for optimum performance</li> <li>• USB 3.0 xHCI (eXtensible host controller interface) SuperSpeed supported</li> <li>• USB 2.0 high-speed, full-speed, low-speed supported</li> <li>• Up to 16 USB channels available for rear I/O across P3/P4 backplane connectors (12 ports if USB front panel receptacles are in use)</li> <li>• SBR-RIO and SBV-RIO rear I/O modules available</li> <li>• Custom specific rear I/O module design offered</li> <li>• Up to 4 x front panel Type A USB 3.0 host connectors, each assigned to an individual controller</li> <li>• Direction front panel or rear I/O of 4 USB ports selected via analog USB 3.0 signal switches, individually setup by DIP switch configuration</li> <li>• VBUS (+5V) 1.5A high current power switches assigned to front panel connectors</li> </ul>
<b>Environment &amp; Regulation</b>	<ul style="list-style-type: none"> <li>• Designed &amp; manufactured in Germany</li> <li>• ISO 9001 certified quality management</li> <li>• Long term availability</li> <li>• Rugged solution (coating/sealing available on request)</li> <li>• RoHS compliant</li> <li>• Operating temperature: 0°C to +70°C (industrial temperature range on request)</li> <li>• Storage temperature: -40°C to +85°C, max. gradient 5°C/min</li> <li>• Humidity 5% ... 95% RH non condensing</li> <li>• Altitude -300m ... +3000m</li> <li>• Shock 15g 0.33ms, 6g 6ms</li> <li>• Vibration 1g 5-2000Hz</li> <li>• MTBF 35.1years</li> <li>• EC Regulations EN55022, EN55024, EN60950-1 (UL60950-1/IEC60950-1)</li> </ul>

### 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.

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