



## PART NUMBER: 3U-PER-NVME

- PICMG® CompactPCI® Serial standard (CPCI-S.0)
- Single size Eurocard - 3U mounting height
- Suitable for CompactPCI® serial peripheral slot (PCI Express® enabled)
- CompactPCI® serial fat pipe slot PCIe x8 or at least peripheral slot PCIe x4 recommended
- CompactPCI® serial backplane connectors P1 & P2 for PCI Express® x8

## SPECIFICATION

<p><b>M.2 NVMe</b></p>	<ul style="list-style-type: none"> <li>• Designed according to PCI-SIG® PCI Express® M.2 Specification (aka NGFF)</li> <li>• Quad M.2 NVMe SSD module sockets (M-key) pin-out according to 'Socket 3 PCIe x4 SSD'</li> <li>• M.2 NVMe module size 22110, 2280, 2260, 2242, 2230, 4.2H (accepts double-sided modules)</li> <li>• +3.3V/4.5A continuous current per M.2 socket (peak up to 10A limited by electronic power switches)</li> <li>• On-board PCI Express® Gen3 (8GTps) packet switch 5 ports 24 lanes for maximum NVMe performance via all M.2 NVMe module sockets simultaneously</li> <li>• Maximum performance with backplane slot PCIe x8 Gen2/3</li> <li>• Primarily for NVMe protocol based M.2 SSD modules</li> <li>• Suitable also for OEM legacy AHCI protocol based M.2 modules (PCIe SATA controller)</li> <li>• Optional I2C module control (if supported by module manufacturer)</li> <li>• 2TB NVMe modules available as of current for a total of 8TB</li> <li>• Individual drive configuration or soft RAID operation</li> <li>• Boot capability requires NVMe enabled BIOS for NVMe protocol modules</li> <li>• Recommended usage as high speed mass storage for demanding applications</li> </ul>
<p><b>Environmental &amp; Regulatory</b></p>	<ul style="list-style-type: none"> <li>• Designed &amp; manufactured in Germany</li> <li>• Certified quality management according to ISO 9001</li> <li>• Long term availability</li> <li>• Rugged solution (coating, sealing, underfilling on request)</li> <li>• RoHS compliant</li> <li>• Operation temperature 0°C to +70°C (commercial temperature range)</li> <li>• Operation temperature -40°C to +85°C (industrial temperature range) on request</li> <li>• Storage temperature -40°C to +85°C</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 42.7 years</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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