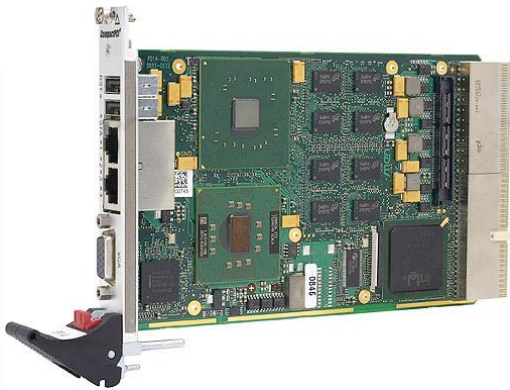


## 3U CompactPCI CPU Board

Product #OSS-CPCI-3U-CPU-CM-1-1G



### Product Features

- 3U CompactPCI CPU board with 1GHz ULV Celeron M 373 processor
- 1G DRAM
- PCI Express four x1 links

### Specifications

<b>Processor</b>	<ul style="list-style-type: none"> <li>• 1.0 GHz Celeron® M processor ultra low voltage</li> </ul>
<b>Form Factor</b>	<ul style="list-style-type: none"> <li>• 3U (100x160 mm) x 4HP</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>Up to 1MB I2 cache integrated in Celeron® M</li> <li>Up to 2GB SDRAM system memory:             <ul style="list-style-type: none"> <li>• Soldered</li> <li>• DDR2</li> <li>• 400MHz memory bus frequency</li> <li>• Dual-channel, 2x64 bits</li> </ul> </li> <li>• 4Mbits boot Flash</li> <li>• CompactFlash® card interface             <ul style="list-style-type: none"> <li>• Via on-board IDE</li> <li>• Type I</li> <li>• True IDE</li> <li>• DMA support</li> </ul> </li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>• Two USB 2.0 ports via Series A connectors at front panel</li> <li>• Four USB 2.0 ports via side-card connector</li> <li>• Two USB 2.0 ports via rear I/O on request</li> <li>• UHCI and EHCI implementation</li> <li>• Data rates up to 480Mbits/s</li> </ul>
<b>PCI Express</b>	<ul style="list-style-type: none"> <li>• Two x1 links to connect local 1000Base-T Ethernet controllers</li> <li>• Two x1 links for extension through side-card connector, or:</li> <li>• Three x1 links if one Gigabit Ethernet channel is replaced by Fast Ethernet</li> <li>• Data rate 250MB/s in each direction (2.5 Gbits/s per lane)</li> </ul>
<b>Electrical Specification</b>	<ul style="list-style-type: none"> <li>• Supply voltage/power consumption:             <ul style="list-style-type: none"> <li>• +5V (-3%/+5%), approx. 2.5A (ULV Celeron® M 373)</li> <li>• +3.3V (-3%/+5%), approx. 1A</li> <li>• +12V (-10%/+10%), approx. 10mA</li> </ul> </li> <li>• MTBF: 86,600h @ 40°C (derived from MIL-HDBK-217F)</li> </ul>

