XMC-PMC CARRIER FOR 6U HIGH-SPEED CompactPCI®

- flexible and cost-effective for a wide range of functions
- system data throughput via PCIe 3.0 / PICMG2.20 based
- maximum bandwidth by data stream conversion
- easy handling: access via front cutouts
- 10" rackmount but modular, rugged, long-lasting
CP6105X
XMC-PMC CARRIER FOR 6U HIGH-SPEED CompactPCI®

Open up for a wide range of applications
CP6105X opens 6U PCI platforms up for a wide variety of COTS available XMC and PMC modules, such as Graphics, Framegrabber, Digitizer, Ethernet, and Storage. And FPGA modules, providing for highest possible interface customizations. The carrier may be used either in addition to a CPU-based XMC/PMC connector, or as alternative for an optimized balance of system temperature.

Highest data throughput and maximum bandwidth
The high speed J4 CompactPCI® backplane connector according to PICMG2.20 enables highest data throughput within the system. Data stream conversion from x8 PCI Express 2.1 (XMC) to x8 or x4 PCI Express 3.0 (system) provides for maximum data bandwidth.

For 19” Rackmount systems with higher demands
The PICMG2.20 based CompactPCI® line provides a high-speed J4 backplane connector for serial interconnects within the system. This makes CompactPCI /PICMG2.20 the ideal choice for communication or for computing nodes, when ordinary 19” Rackmount systems do not meet the required robustness and longevity.

The CompactPCI® line for highest serial data throughput
Where CompactPCI® has been already loved because of its openness, modularity, robustness, or longevity, the PICMG2.20 based CompactPCI® line is the choice whenever highest data throughput is required. The technology is open for PCI Express® 3.0, 10 or even 40 Gigabit Ethernet, and SATA 6Gb/s, depending on the capabilities of the selected CPU blades.

TECHNICAL INFORMATION

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