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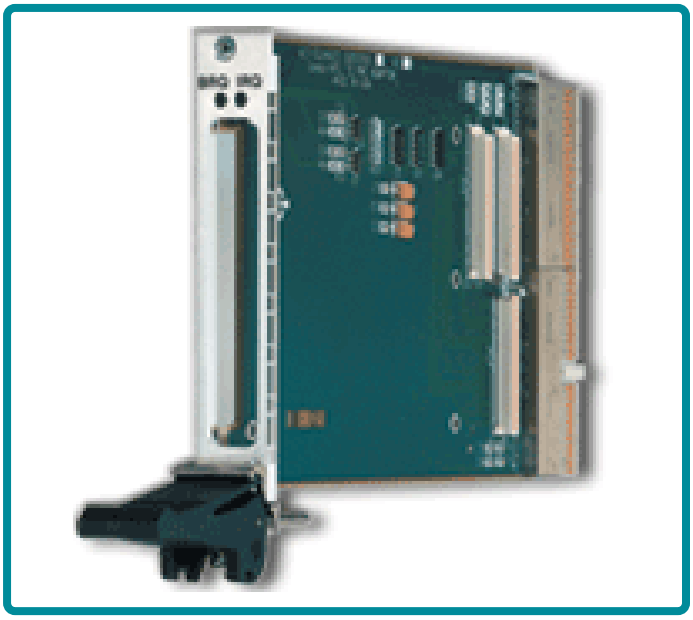
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Find the *Elma / Act/Technico 7000-1-53* at our website: ***Click HERE***

PMC to CompactPCI Adapter

CPCI7000 series

This adapter allows you to use standard and custom 32-bit PMC modules in a CompactPCI system.



CPCI7000 series PMC to CPCI Adapter

- **3U CompactPCI Form Factor** *(100mm high x 160mm deep)*
- Accepts standard PMC I/O connector through the CPCI front panel.
- **Optional 6U high front panel**
- Only one slot *(3U x 4HP)* required
- Passive Series Termination
- 32-bit CompactPCI available with or without J2 for User I/O lines
- 64 User I/O lines routed to CPCI connector *(models 7000-2 and 7000-4)*
- 2 Status LEDs:
  - IRQ Request from PMC
  - PMC Bus Master
- High quality, multilayer design: 4 power planes, GND, 3.3V, 5V VIO, 4 signal layers

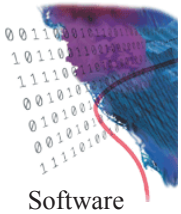
Products for Embedded Systems



CPUs

PMCs & I/O





Software

Design & Documentation





Chassis

Embedded Storage





(800) 445-6194 ◆ www.acttechnico.com

PMC to CompactPCI Adapter

Model Numbers and Description:

Version	Description / Function
with User I/O	For use in systems using 32- or 64-bit CompactPCI backplanes. This version does not support rear I/O (J1 only installed) - I/O must be brought out via the front panel.
Without User I/O	For use in systems using 32-bit CompactPCI backplanes. This version allows PMC user I/O to be passed through the backplane via the J2 connector.

Part #	J2 Connector	Front Panel Height	Adapter Alignment
7000-1	No	3U	---
7000-2	Yes	3U	---
7000-3	No	6U	Bottom
7000-4	Yes	6U	Bottom

Add a PMC Module:

Build an I/O assembly that fits your requirements. Use the following part number to create a PMC to CPCI Adapter carrying the PMC module of your choice:



Ultra 160 SE/LVD SCSI Controller *(Model 8146)*

CPCI7000-V-xx

V = Version see table above

PMC Module xx = last 2 digits of PMC Part Number

Example: **CPCI 7000-2-30**
CPCI PMC Adapter for 32-bit CPCI backplane with SVGA PMC Module mounted on the Adapter

69030 based DVI Video Controller *(Model 8032)*





SCSI Fast/Wide Single-Ended *(Model # 8022)*

Module	Part #	Description
Communications		
8-Port RS232 Async Communication	8010	provides up to 8 full duplex RS232 async ports up to 115 K-baud rates
16-Port RS232 Async Communication	8011	provides up to 16 asynchronous serial communication protocols at up to 10 Mb/s per channel
4-Port RS232/422/485 Async Comm	8012	provides up to 4 configurable serial ports of RS232, 422, or 485
16-Channel Async Serial	8038	provides up to 16 channels of asynchronous serial protocols
Single 10/100 Tx Ethernet	8661	provides single 10/100 Tx Ethernet interface - available for copper or fiber
Dual 10/100 Tx Ethernet	8663	provides a dual 10/100 Tx Ethernet interface - available for copper or fiber
Quad 10/100 Tx Ethernet	8664	provides a quad 10/100 Tx Ethernet interface - available for copper or fiber
Gigabit Ethernet	8667	provides an interface for gigabit Ethernet - available for copper or fiber
Dual Gigabit Ethernet	8669	provides interface for a dual Gigabit Ethernet - available for copper or fiber
Triple Gigabit Ethernet	8673	provides interface for a dual Gigabit Ethernet - available for copper or fiber
I/O		
32-Channel Digital I/O	8051	provides 32 channels digital I/O with 30-ns Timestamp Counter
32-Channel Reconfigurable Digital I/O	8053/8054	32-Channel Reconfigurable RS422/RS485 Digital I/O with 10K70 or 10K70-2
96-Channel Reconfigurable Digital I/O	8052	Uses Altera Flex 10K FPGA, 32 I/Os accessible thru front panel, 68 I/Os accessible via rear
SCSI Fast/Wide - Single-Ended	8022	interfaces to standard SCSI for Fast/Wide operation using single-ended interface
Ultra 160 SE/LVD SCSI Controller	8146	SE or LVD auto modes via "Diff Sense" signal on SCSI bus
DVI Video Controller SVGA & LCD Adapter	8032	provides Asiliant 69030 video controller; LCD and/or SVGA modes
Audio PMC	8041	provides audio IN/OUT, stereo speaker OUT, and microphone IN
16-bit 32-Channel A:D	8050	provides digital and analog interfaces controlled by an on-board TMS320C52 DSP
Other		
x86 Platform Coprocessor/Processor PMC	8110	300MHz, with integrated video, DRAM controller, PCI and IDE interfaces, USB and more
CF-II Mass Storage PMC Adapter	925x	PMCStor provides 2 CF-II sites for mass storage. See PMCStor datasheet.
HDD or Solid State PMC Adapter	9260	PMCDisk provides either solid state or standard hard drives. See PMCDisk datasheet.

NOTE: New modules are always being added, and custom modules can be designed within a relatively short time frame. Please call 800-445-6194 for more details, or visit www.acttechnico.com for updates.

Systems By Design ◆ **www.acttechnico.com**

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