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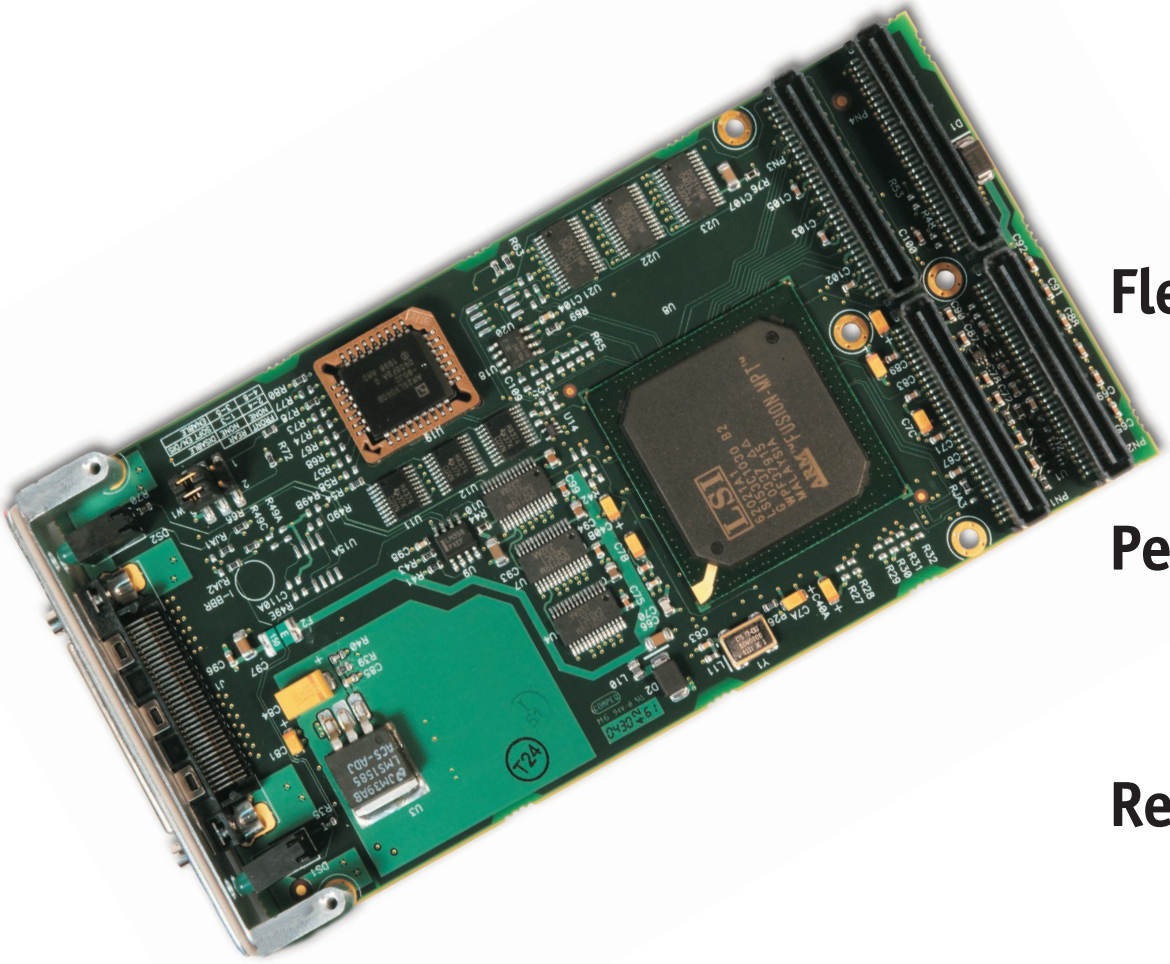
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Find the *Kontron PMC261* at our website: ***Click HERE***

PMC261

Dual SCSI PCI Mezzanine Card (PMC)



Flexibility

Performance

Reliability

Compact PCI

- Choose between front I/O connector access or Rear I/O access with external or internal cabling thanks to the PMC I/O Module interface support
- Benefit from high performance Ultra SCSI 160 (64-bit/ 66MHz) or Ultra SCSI 320 PCI-X 64-bit/133MHz)
- Count on Kontron's capability to build highly reliable boards

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Product Overview

Flexibility

With three possible options for accessing SCSI signals (externally on the PMC or the RTM faceplates, or internally with a connector on the RTM), the choice of a storage subsystem architecture is limitless. Whether the drives are internal or external to the chassis, the PMC261 can accommodate the required configuration. Additionally, when used with Kontron's cPCI-DT64 CPU board (dual slot version), it can be stacked with another mezzanine to allow the use of another PMC.

Performance

Ultra160 SCSI used on a 64-bit/66MHz PCI or Ultra 320 SCSI used on a 64-bit/133MHz PCI-X bus allows for building high throughput, well balanced, storage solutions. The Low Voltage Differential signaling allows less system design constraints. An onboard BIOS comes with a built-in SCSI configuration utility as well.

Reliability

With an MTBF of 1,200,000hrs combined with Kontron's reputation of high quality, the PMC261 can be relied upon for critical applications in the communications, medical, military, aerospace and industrial automation fields.

PCI Interface

- Ultra 160, up to PCI 64-bit/66MHz; Ultra 320, up to PCI-X64-bit/133MHz
- 3.3V or 5V I/O compatible
- Option to stack a mezzanine over the PMC to bring the PCI signals up to a second PMC (only on a dual slot cPCI-DT64 board)

SCSI Interface

- Ultra 160 LSI 53C1010R SCSI chip / Ultra 320 LSI 53C1030 SCSI chip
- Dual channel: 1) 68 pins VHDCI SCSI connector on faceplate
  2) Rear access (cPCI J4), Rear I/O module
- Low Voltage Differential (LVD) or Single Ended (SE) signaling
- LVD and Activity LED's for Rear and Front channels
- 4MB Flash memory (BIOS)

OS Compatibility

Windows®2000, Windows®XP, Linux

Compliancy

- PMC P1386.1 V2.4 with 64-bit/Up to 133MHz PCI-X bus.

Mechanical

- 5.86" x 2.91" (149 x 74 mm), Standard PMC board
- Weight: 90g

Power Requirements

- Supply Voltage Vcc = +3.3V ±5%, +5V ±5%
- ICC max: +3.3V 2.8A
- ICC max: + 5V 0.2A *

Environmental

	Operating	Storage and Transit
Temperature:	0-60°C/32-131°F	-40 to +70°C/-40 to 158°F
Humidity:	5% to 90% @ 40°C/104°F	5% to 95% @ 40°C/104°F
Altitude:	4000 m / 13 123 ft	15 000 m / 49 212 ft
Shock:	5G each axis	Belcore GR-63-CORE Section 4.3
Vibration:	1.0G, 5-500Hz each axis	2.0G, 5-50Hz; 3.0G, 50-500Hz each axis

Reliability

MTBF: 1 200 000 hours @30°C/86°F (Telcordia SR-232, Issue 1)

Safety /EMC

Designed to meet or exceed:
Safety: UL 60950 3rd ed.; CSA C22.2 No. 60950-00; EN 60950; IEC 60950-1
EMI/EMC: FCC 47 CFR Part 15, Class B; CE Mark to EN55022/EN55024

2 year limited warranty

* Based on power consumption from onboard termination only

Product	Description	Order No.
PMC261	Dual channel Ultra160 SCSI with PIM	T6506BB_0
PMC261	Dual channel Ultra160 SCSI with PIM, stackable version (DT64)	T6506BA_0
PMC261	Dual channel Ultra320 SCSI with PIM	T6506DB_0
PMC261	Dual channel Ultra320 SCSI with PIM, stackable version (DT64)	T6506DA_0
More options available, call your Kontron sale representative		
Rear Transition Module (RTM)		
CTM80-2	Single slot (4HP) RTM, SCSI and LAN connectors	T6701AA_0-00
CTM80-2	Dual slot (8HP) RTM, SCSI connector and 2.16 configuration	T6701BC_0-00

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Corporate Offices

US/ Canada
6260 Sequence Drive
San Diego, CA 92121-4371
Tel.: 1 (888)294-4558
Fax: 1 (858)677-0898
sales@us.kontron.com

Europe, Middle East and Africa
Oskar-von-Miller-Straße 1
85386 Eching/Munich Germany
Tel.: +49 (0)8165-770
Fax: +49 (0)8165-77219
sales@kontron.com

Asia Pacific
6F, No. 9, Lane 235, Pao-Chiao Rd.,
Hsin-Tien, Taipei Hsien, 231 Taiwan
Tel.: +886-2-29103532
Fax: +886-2-29103582
sales@kontron-asia.com

http://www.kontron.com

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