

**Aumictech**

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Data Sheet

August 13, 2026

KONTRON

Kontron PCI-759-C001 PICMG System Host Board

The Kontron PCI-759-C001 is a PICMG system host board designed for industrial and embedded applications. It supports various processors, memory configurations, and expansion slots, offering a versatile platform for demanding computing tasks. The board features solid construction and reliable performance in harsh environments.



MODEL

Kontron PCI-759-C001

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PCI-759-C001

LISTING

<https://aumictechlabs.com/products/pci-759-c001-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Kontron PCI-759-C001 is a PICMG (PCI Industrial Computer Manufacturers Group) system host board, engineered to serve as the central processing unit in industrial and embedded systems. It can accommodate a range of processors, allowing for flexible performance scaling based on application needs. The board also supports multiple memory configurations to handle varying data processing requirements. Expansion slots are available for integrating additional functionalities such as data acquisition, communication interfaces, and specialized I/O. Built with rugged components and adhering to strict quality standards, the PCI-759-C001 ensures reliable operation in challenging industrial environments, making it suitable for applications in automation, control, and data processing.

PCI759C001 Characteristics / Specifications

PARAMETER	VALUE
Model	PCI-759
Manufacturer	Kontron
Instrument Type	PICMG 1.0 System Host Board
Series	PCI-759
Alias	PCI-759-C001; PCI 759
Form Factor	full size SHB PICMG 1.0 13.33 × 4.8 in
CPU Socket	LGA 775
CPU Family	Intel Core 2 Duo or CeleronS Example CPU C001: Core 2 Duo E6400 2.13 GHz 2 MB 1066 MHz FSB
FSB	1066 / 800 / 533 MHz
L2 Cache Class	up to 4 MB on Core 2 Duo
Chipset	Intel 945G GMCH and ICH7
DRAM	dual channel DDR2 400/533/667 unbuffered non ECC
DIMM Slots	2× 240 pin
DRAM Capacity	up to 4 GB (about 3 GB usable)
Graphics	Intel GMA 950
VGA Resolution	up to 2048 × 1536 × 8 bit at 75 Hz
LVDS	24 bit via DVO up to 1600 × 1200
Ethernet	2x Gigabit
SATA	4 channels 3 Gb/s
USB	6 to 7x USB 2.0
Serial Ports	2
Parallel Port	1
MiniPCI	Type IIA
IDE Option	one channel Ultra DMA ATA/133 shared CompactFlash
Audio	Intel HD Audio via optional daughter board

PARAMETER	VALUE
PCI Bus	33 MHz PICMG 1.0
TDP Class	65 W Core 2 Duo E6400 class
Status	legacy
Form	full size PICMG 1.0 slot CPU Notes Specs from Kontron PCI-759 product page and PCI-759 user manual. Listing C001 example is E6400 2.13 GHz; confirm CPU, RAM, and miniPCI population on the board.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
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<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.