# PCI-955

## PICMG 1.0 full-size SBC

powered by Intel® Pentium® M



SERIAL ATA

- **Speed**
  Intel® Pentium®-M up to 2.13 GHz
- **Connectivity**
  Dual 10/100/1000 Base-T Ethernet and miniPCI
- **Longevity**
  Based on Intel longterm roadmap components

# Product Overview

Fast

The combination of Intel's latest low power processor, the Pentium M, with the 915GM chipset delivers outstanding performance and bandwidth allowing you to set the pace for innovative applications today by offering enough IO headroom with PCI-Express onboard for the emerging next generation requirements. By minimizing deployment risks through a broad range of software support the PCI-955 eases the process of product integration and maximizes your competitive advantage to meet your time-to-market window.

Connected

Connectivity based on highly sophisticated communication technology is the key aspect of being competitive in a wide range of networking applications. By providing six high-speed USB 2.0 channels and two Gigabit Ethernet interfaces the PCI-955 supports comprehensive connectivity features with full bandwidth.

Expandable

The standard miniPCI connector is your gateway to unlimited adaptability.
Kontron currently offers dual network, FireWire®, WLAN

# Technical Information

| | | |
|---|---|---|
| **Processor** | | |
| | Intel Pentium M processor, Intel Celeron M processor | |
| **Memory** | | |
| | Two SO-DIMM sockets, up to 2 GB DDR2-SDRAM | |
| | CompactFlash interface | |
| **Chipset** | | |
| | Intel 915GM Chipset (+ ICH6R) | |
| **Bus Interface** | | |
| | PCI Bus (32bit@33 MHz optional 64bit@66MHz), ISA Bus (8.33 MHz) | |
| **I/O** | | |
| | USB ports: | Six (Ver2.0) |
| | Serial ports: | Two 16550 UART compatible ports: First RS232; second RS232/RS422/RS485 |
| | Parallel Port: | One bi-directional SPP/ECP/EPP |
| | Floppy Disk: | Support for two drives up to 2.88 MB |
| | EIDE: | 2 EIDE drives, PIO Mode 4, Ultra DMA/33/66/100 4 SATA150 Interfaces |
| | Ethernet: | Dual 10/100 Base-T (Marvell 88E8053) |
| | Audio: | AC97 CODEC support Line-in/Line out/Mic function |

| | |
|---|---|
| **Display** | |
| Internal Intel ´915 graphics controller offering CRT, LVDS and DVI interface | |
| **BIOS** | |
| AMI-BIOS in Flash | |
| **Supervisory** | |
| Monitoring CPU/system temperature, voltages and fan speeds | |
| 16-level programmable Watchdog timer | |
| **Cache** | |
| 0/512/1024/2048 KB Pipeline Burst Cache depending on CPU | |
| **OS Compatibility** | |
| Windows® 2000*, XP* and Linux | |
| *(incl. Server version) | |
| **Dimensions** | |
| 338 mm x 122 mm (13.32“ x 4.80“), conforms to IEEE P996 PC/AT bus, | |



VGA 2x USB 2x LAN

# Ordering Information

| Article | Description |
|---|---|
| PCI-955/C1500 | PCI-955 with 1.5 GHz Celeron-M |
| PCI-955/1800 | PCI-955 with 1.8 GHz Pentium-M |
| T069 | Adapter to use Compact Flash |
| MSCSI-320 | Mini PCI Interface Card, Single channel SCSI-320 |
| ML5592 | Mini PCI Interface Card, Dual Intel 82559 B Ethernet |
| MF1394 | Mini PCI Interface Card, TI TSB43AB22 chipset, 1394 connector x2 |

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