

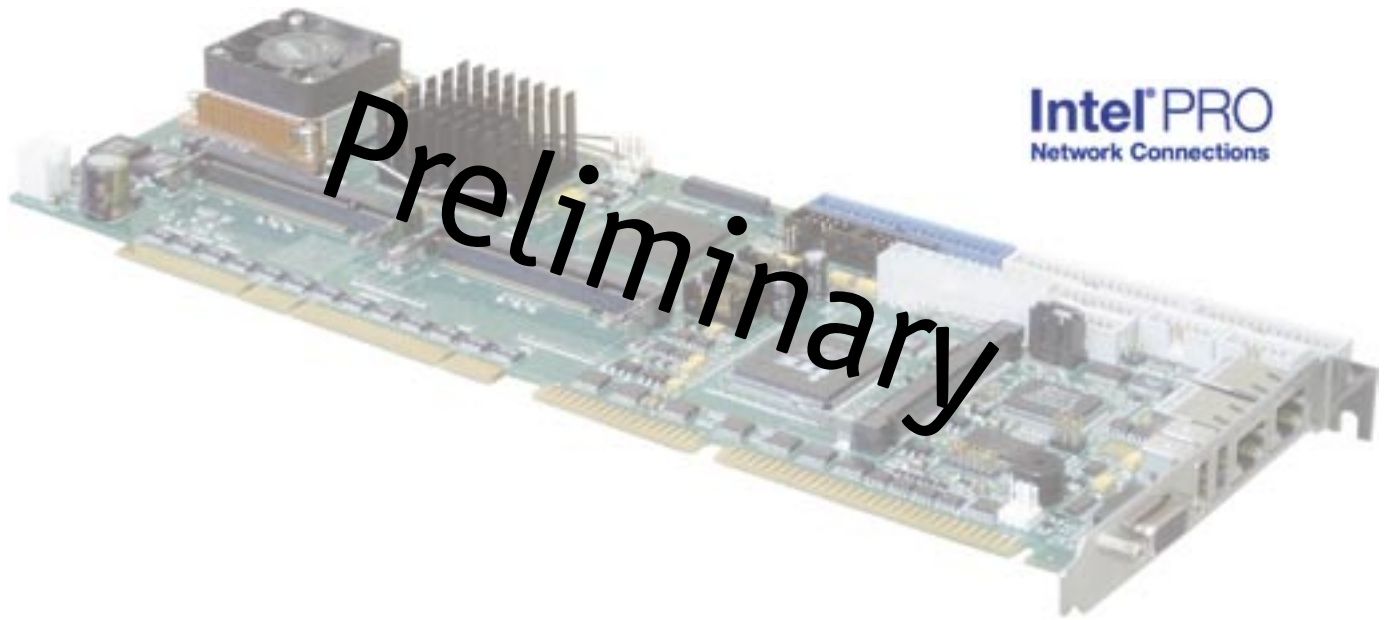


PCI-956

PICMG 1.0 full-size SBC

powered by
Intel® Pentium® M

Intel® PRO
Network Connections



- **Speed**
Intel® Pentium®-M up to 2.13 GHz
- **Connectivity**
10/100 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 for the emerging next generation requirements. By minimizing deployment risks through a broad range of software support the PCI-956 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 four SATA interfaces the PCI-956 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 based on 803.11a, Bluetooth and analogue modems.

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 (+ ICH6)	
Bus Interface	
PCI Bus (32bit@33 MHz) , ISA Bus (8.33 MHz) No DMA	
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:	4 EIDE drivers, PIO Mode 4, Ultra DMA/33/66/100 4 SATA150 Interfaces
Ethernet:	10/100 Base-T (Intel 82562 ET)

Display	
Internal Intel 915 graphics controller offering CRT and LVDS	
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, PCI Rev. 2.2, & PICMG Rev. 2.0 standards	



VGA 2x USB LAN

Ordering Information

Article	Description
PCI-956	PCI-956 without CPU and without heatsink
PCI-956/C1300	PCI-956 with 1.3 GHz Celeron-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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