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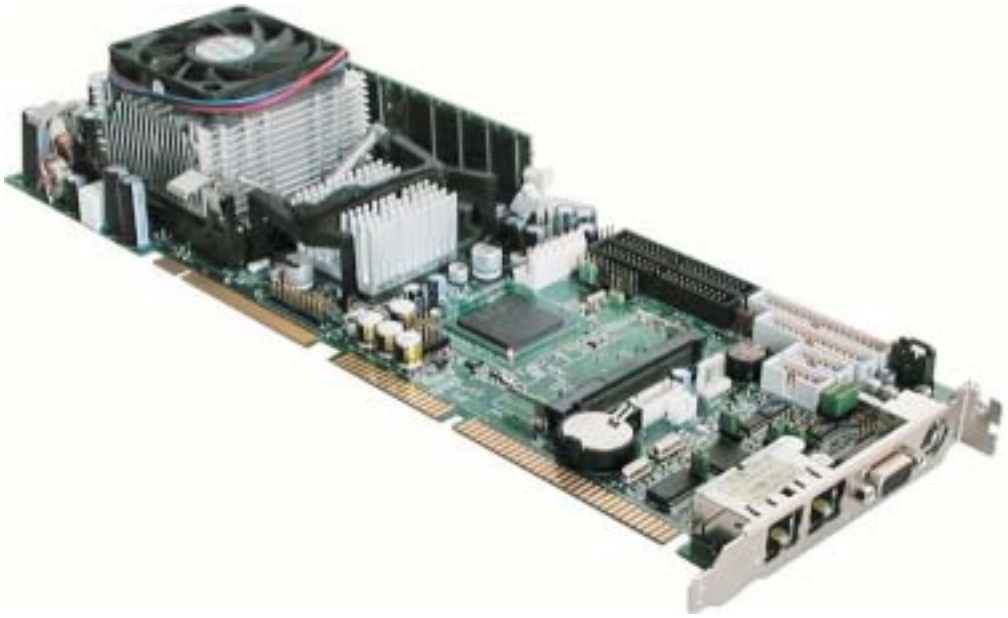
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PCI-951

Pentium 4 Power PICMG Full-Size SBC



Speed

Connectivity

Longevity

PICMG Full-Size SBC

- Intel Pentium 4 / Celeron
- Up to 2 GB DDR-SDRAM
- Integrated Intel '845G Graphics
- Dual 10/100 Base-T (10/100/1000 Base-T option) Ethernet
- Audio
- Mini PCI Extension

kontron
... always a Jump ahead!

Product Overview

Fast
The combination of Intel's latest processor, the Pentium 4, with the 845G chipset delivers outstanding performance allowing you to set the pace for innovative applications today by offering enough headroom for the emerging next generation requirements. By minimizing deployment risks through a broad range of software support the PCI-951 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 four high-speed USB 2.0 channels and two Ethernet interfaces (single Gigabit Ethernet alternative) the PCI-951 supports comprehensive connectivity features.

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.

Rear Bracket

LAN 10/100base-T | LAN 10/100base-T (opt. Gigabit) | VGA | PS/2 (combi KBD / MS)



CPU-CORE
- Intel Pentium 4 processor
- Intel Celeron processor
- Intel 845G Chipset (+ ICH4)

Memory
- Two 184-pin latching DIMM sockets
- Up to 2 GB DDR-SDRAM
- CompactFlash socket

Bus Interface
- PCI Bus (33 MHz)
- ISA Bus (8.33 MHz)

Cache
- 8/8 KB Instruction/Data Level 1
- 128/256/512 KB Pipeline Burst Cache

I/O Ports
- USB Ports: Four (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
- Ethernet: Dual 10/100 Base-T (845G; Intel 82559B)
- Audio: AC97 CODEC support Line-in/Line out/Mic function

VGA Display
- Internal Intel '845 graphicscontroller offering CRT and DVI interface

BIOS
- Award BIOS in Flash

Supervisory
- Monitoring CPU/system temperature, voltages and fan speeds
- 16-level programmable Watchdog timer

OS Compatibility
- MS-DOS; Windows® 98, 2000, Me, XP, NT 4.0 and Linux

Enviromental
- **Temperature:** 0 ° to 60 °C

Mechanical
- 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

Product	Description
PCI-951/C1800	PCI-951 with 1.8 GHz Celeron
PCI-951/2400	PCI-951 with 2.4 GHz Pentium 4
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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