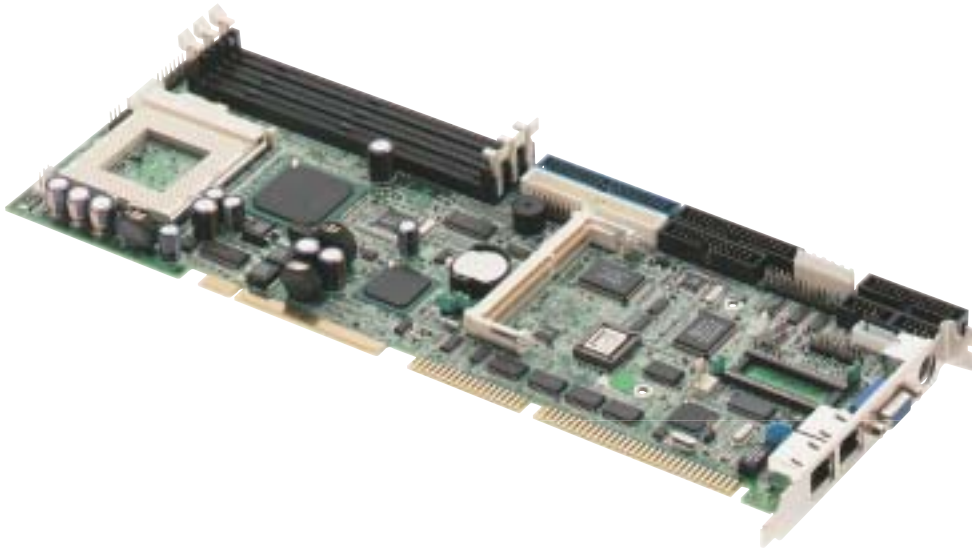# PCI-747T
Pentium III Power
PICMG Full-Size SBC

Scalable

Expandable

Longevity

PICMG Full-Size SBC

➤ Intel Pentium III / III-S

➤ Up to 512 MB SDRAM

➤ Dual 10/100 Base-T Ethernet

➤ Sound

➤ Micro PCI Extension

➤ DiscOnChip

Product Overview

Fast

The Pci 747T offers excellent performance using the Intel Pentium III-S processor. The combination of high core-speed with the huge 512 kBytes internal cache make this CPU a real fast alternative with excellent power / performance ration. By minimizing deployment risks through a broad range of software support the PCI-747T 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 USB 1.1 channels and two Ethernet interfaces the PCI-747T supports comprehensive connectivity features.

Expandable

The standard microPCI connector is your gateway to unlimited adaptability. Kontron currently offers dual network, LCD-Controller, SCSI and E-IDE Raid.

CPU-CORE
- Intel Pentium III / III-S processor
- Intel Celeron processor
- Intel 815EB Chipset (+ ICH2)

Memory
- Three 168-pin latching DIMM sockets
- Up to 512 MB SDRAM
- DiscOnChip socket

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

Cache
- 16/16 KB Instruction/Data Level 1
- 128/256 KB Pipeline Burst Cache

I/O Ports
- USB Ports: Four (Ver1.1)
- 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 (815E Intel 82559B)
- Audio: AC97 CODEC support Line-in/Line out/Mic function

VGA Display
- Internal Intel '815E 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-747T/C850	PCI-747T with 850 MHz Celeron
PCI-747T/1266	PCI-747T with 1.26 GHz Pentium III-S
DVS72V	MicroPCI SMI721 VGA with digital and LVDS interface
DS60i	MicroPCI Ultra 2 SCSI Interface

Corporate Offices