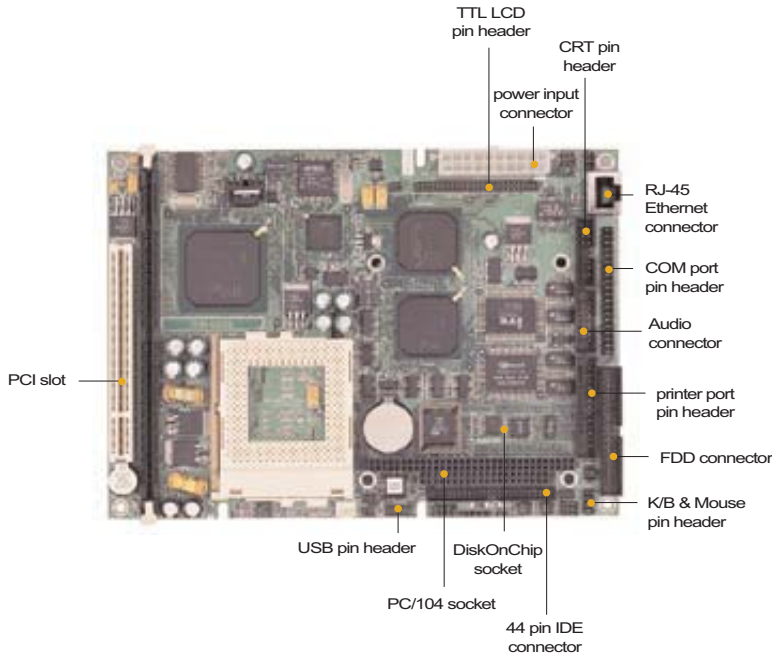


Socket 370 based Pentium® III / Celeron® Processor

COMPACT BOARD



Features

- Supports Socket 370 based Intel® Pentium® III / Celeron® Processor
- C&T 69000 LCD controller supports 36-bit TFT Panels
- 10/100Base-T Fast Ethernet
- Supports DiskOnChip® up to 1GB
- Supports WakeOnLAN (optional), and Wake on KBD



Specifications

System

- **CPU** Socket 370 based Pentium® III Processor/ Celeron® Processor (.18 μ/.25 μ) up to 1GHz (with system bus frequencies of 66/100)
- **System Memory** SDRAM DIMM x 1, Max. 256MB
- **Chipset** Intel® 440BX
- **I/O Chipset** ITE IT8661F/ Winbond W83977EF. Fully 16-bit I/O decoded.
- **BIOS** Award 256KB FLASH ROM
- **Ethernet** Intel® GD82559, 10/100Base-T RJ-45 connector x 1, WakeOnLAN(optional).
- **SSD** Supports DiskOnChip® up to 1GB
- **Watchdog timer** Generate a system reset, GP13. (1~255 sec. 1 sec/step)
- **Expansion Interface** PC/104 socket x 1, PCI slot x 1
- **H/W status monitoring** Supports power supply voltages and temperatures monitoring
- **Power supply voltage** +5V(4.75V to 5.25V), +12V(11.4V to 12.6V), ATX/AT.
- **Size/ Weight** 8" (L) x 5.75" (W) (203 mm x 146 mm) 1.2 lb. (0.5 Kg)
- **Operating temperature** 32°F ~ 140°F (0°C ~ 60°C)

I/O

- **MIO** IDE (UDMA33) x 1, FDD x 1, KB+Mouse x 1, RS-232x3, RS-232/422/485 x 1, Parallel x 1
- **IrDA** One IrDA Tx/Rx header

- **Audio** ESS Solo-1, AC-97, Mic. in, Line in, Line out, CD Audio in
- **USB** One 4x2 pin header supports 2 USB 1.1 ports
- **Display**
- **Chip** C&T 69000
- **Memory size** Built-in 2MB SDRAM
- **Resolution** up to 1280 x 1024@ 16bpp for CRT up to 1024 x 768@ 18bpp for LCD
- **LCD Interface** up to 36-bit TTL for MONO/STN/TFT LCD panel

Packing List

- **Jumper Cap** 9657666600
- **Quick Installation Guide**
- **Utility CD**

* PCM-6890B offers embedded Linux solution that was developed by an AAEON business partner, Redsonic. Please visit : www.redsonic.com for detailed information.