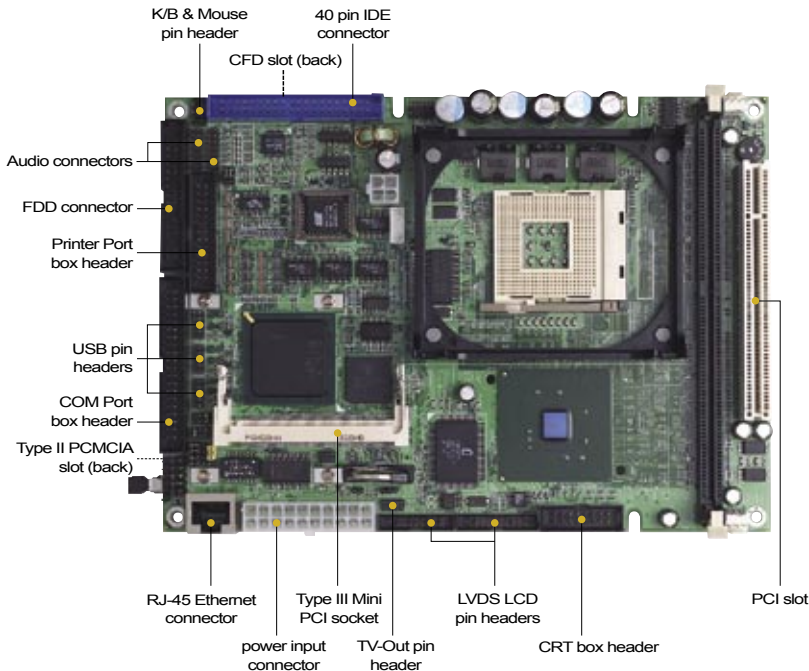


Socket 478 based Intel® Pentium® 4 Processor-M / Pentium® 4 / Celeron® Processor



COMPACT BOARD



**Features**

- Supports Socket 478 based Intel® Pentium® 4 Processor-M / Pentium® 4 / Celeron® Processor with Hyper-Threading Technology
- Supports 48-bit Dual channel LVDS TFT panels
- 10/100Mbps Fast Ethernet
- Supports Type II CompactFlash™ Memory
- 6 USB 2.0 / PCMCIA / Mini PCI / Digital I/O / TV-Out



**Specifications**

**System**

- **CPU** Socket 478 based Pentium 4 Processor-M (.13µ) up to 2.4GHz with FSB 400MHz, Pentium 4 (.13µ) / Celeron (.13µ) Processor up to 3.06GHz with FSB 400/533MHz
- **System Memory** 184-pin DDR SDRAM DIMM x 1, Max. 1GB (PC-266/333)
- **Chipset** Intel 82845GV + 82801DB (ICH4)
- **I/O Chipset** ITE 8712. Fully 16-bit I/O decoded
- **BIOS** Award 512KB FLASH ROM
- **Ethernet** Intel 82562, 10/100Base-T RJ-45 connector x 1
- **SSD** Type II CompactFlash Slot
- **Watchdog Timer** Generate a system reset
- **Expansion Interface** Type II PCMCIA x 2 (Option), Type III Mini PCI x 1 and PCI slot x 1
- **Battery** Lithium Battery
- **H/W Status Monitoring** Supports power supply voltages and temperature monitoring
- **Power Supply Voltage** +5V, +12V. ATX
- **Board Size** 8" (L) x 5.75" (W) (203 mm x 146 mm)
- **Gross Weight** 1.2lb. (0.5kg)
- **Operating Temperature** 32°F to 140°F (0°C to 60°C)

**I/O**

- **MIO** EIDE (UDMA100) x 1, FDD x 1, KB+Mouse x 1, RS-232 x 3, RS-232/422/485 x 1, Parallel x 1, CRT x 1
- **IrDA** One IrDA Tx/Rx header
- **Audio** ALC 650 CODEC, Mic in, Line in, Line out, CD Audio in and Audio 6 channel output

- **USB** Three 5x2 pin headers support 6 USB 2.0 ports
- **Digital I/O** Supports 8 in & 8 out, up to 16 in & 16 out
- **Display**
  - **Chip** Intel 82845GV + Chronitel 7017
  - **Memory Size** Shared memory up to 64MB with Dynamic Video Memory Technology
  - **Resolution** up to 1600 x 1200@ 24bpp colors for CRT up to 1280 x 1024@ 24bpp colors for LCD
  - **LCD Interface** Supports up to 48-bit dual channel LVDS TFT LCD
  - **TV-out** Supports NTSC and PAL
  - **Supports CRT and LCD simultaneous display**
  - **Supports CRT and LCD dual view**

**Packing List**

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

**Accessory Options**

- **Wiring Kit** PER-0101
- **Cooling Fan with heatsink** 1759200153

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