MSPC-8978

Support Intel Pentium III FC-PGA CPU

Specifications:

- **CPU** : **Supports Intel 66Mhz Celeron and 100Mhz, 133Mhz FC-PGA CPU.**

- **MEMORY :** Two DIMM sockets to support 100Mhz/133Mhz SDRAM/EDO 168-pin memory module.

- **BIOS:** AWARD PCI BIOS With Plug and Play, Green Function and Power Management function.

- **Intel 815e chipset**: **GMCH, ICH2, FWH Chipsets** Supports

    - ⊕ Pentium® III/ II Processor CPU 133/100/66MHz FSB **which boasts a 133MHz internal bus speed.**
    - ⊕ Built-in 3D Graphics with 4MB SDRAM Display Cache as Z-BufferSupports Dynamic Display Memory Plus
      (DDM+) Technology
    - ⊕ Supports UltraDMA/100, AC ' 97, Low Pin Count I/O and integrates LAN controller

- **LAN Controller :** Intel 815e ICH2 integrated with **W82562EM** chip

- **Desktop Management Interface (DMI) :** Supports DMI through BIOS that allows hardware to communicate within a standard protocol creating a higher level of compatibility.

- **UltraDMA/100 IDE Ports :** Master UltraDMA/100 Bus IDE 80-pin Cable. Backward Compatible Legacy ATAPI Devices ATAPI IDE CD-ROM, CD-R, CD-RW, and LS-120

- **ECC function :** with Single Bit Error correction and Multiple Bit Error Detection.

- **Expansion Bus: :** **PCI** Rev.2.1. 5V interface Compliant. **SMSC SLC88B17**, PCI-ISA Bridge Chip:

    - ⊕ support up to 5 ISA slot
    - ⊕ support full ISA at 1/4 of PCI frequency

- **On-Board I/O :**   1 x FDD Port(up to 2.88M)
                        2 x Serial Ports(16550 FAST UART Compatiable)
                        1 x EPP/ECP Parallel Port
                        IrDA TX/RX Header
                        Universal Serial Bus (USB) x 4
                        PS/2 Mouse & PS/2 KB Controller

- **H/W monitoring :** Winbond 83627HF I/O Chipset integrated, monitoring (positive, negative) Voltage, (CPU, System) Temperature and fan speed.

- **VGA :** Integrated in Chip (GMCH), 4MB on-board display cache for enhanced 3D performance

- **ATX power function :** build 4-pin ATX connector on board.

Watchdog Timer: Program setting available.

Size : 340mm x 122mm **(11.3" x 4.8")**

PCB Layer : 8-Layer PCB