

IP – 4BDP- 22

Pentium 4 M – Fanless Slot CPU



Features

- **Socket 478 for Intel Pentium 4 Mobile Processor up to 2.4 GHz**
- **Hyper Threading Technology**
- **Intel 845 D Chipset**
- **ATI Mobility M6-D-LCD/VGA Function**
- **Support Dual CRT**
- **10/100 Base TX Ethernet**
- **4 x USB-Ports/ 2 Com-Ports**
- **Watch Dog Timer & Hardware Monitoring**

Specification

Intel Socket 478 Pentium 4 Mobile Processor Up to 2.4 GHz
Hyper Threading Technology

Fanless Operation with Passive Cooler

Core Logic

Intel 845 D + ICH2 Chipset

BIOS

Award Bios

Front Side Bus

400 MHz

Memory

2 x 184 Pins DIMM support 2 GB DDR DRAM (max)

Onboard LCD/VGA Controller

ATI Mobility M6-D Chip with on-die 16 MB memory
Support LVDS -LCDPanel & Dual CRT display

LAN Controller

Intel 82562 EM for 10/100 Base TX, support WOL

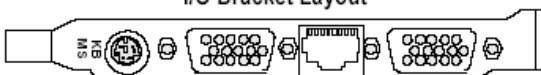
Multi I/O

Onboard Winbond W 83627 HF Chip

Support:

- * IRDA by 5 pin Header
- * 1 x Floppy
- * 1 x SPP, EPP /ECP Parallel Port by Pin Header
- * 1 x RS-232 Com 1

I/O Bracket Layout



Keyboard Mouse Connector

6 Pins Min-D for PS/2 type Keyboard & Mouse

USB

Onboard 4 x USB ports by Pin header

SSD

DIP socket supports M-systems DiskonChip flash Disks (2 MB-288MB)

Hardware Monitoring

Winbond W82627 HF Chip, Monitoring of CPU, System Temperature, Voltage and FAN

Watch Dog Timer

16 Levels Software programmable

Environmental

Operating Temperature : 0 ... 60 ° C

Storage : -20 ... 80 ° C

Rel. Humidity : 10% .. 90 % (non-Condensing)

Approvals

CE, FCC

Formfactor

Full Size , PICMG compliance

Audio

No Support

PC-104

No Support

Other Features

ITE 8888 PCI to ISA Bridge

Dimensions

338 x 122 mm