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IP - 4MTS2B Pentium M – Fanless Little Board



Specification

Intel Socket 479 Pentium M (Banias) and Celeron M Processors up to 1.7 GHz

Hyper Threading Technology

Core Logic

Intel 855 GM/E + ICH4 Chipset

BIOS

Award Bios

Front Side Bus

400 MHz

Memory

1 x 184 Pins support 1 GB DDR 200/266 DIMM

Onboard LVDS/VGA Controller

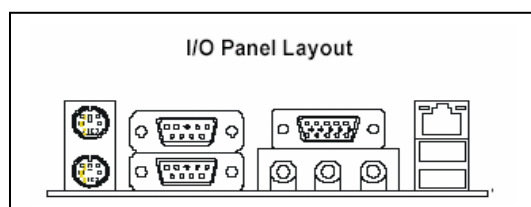
Intel 855 GM/E Chipset Integrated LVDS, VGA Funktion
Support Dual Channel LVDS Panel, display up to UXGA Res.

Gigabit LAN Controller

Intel 82540 or 82541 for 10/100/1000 Base TX support WOL

OnBoard IDE

2 x EIDE Channels for PIO Mode, DMA mode
Support 4 x ATA 100/66/33 IDE Devices



Features

- Socket 479 for Intel Pentium & Celeron Mobile Processors up to 1.7 GHz
- Hyper Threading Technology
- 400 MHz FSB
- Fanless Operation with Heatpipe
- Intel 855 GM/E Chipset
- Chipset Integrated LVDS/VGA Function
- AC97 Audio Codec
- 10/100/1000 Base TX Ethernet
- 6 x USB-Ports/ 2 Com-Ports
- 1 x PCI Slot
- Watch Dog Timer & Hardware Monitoring

Multi I/O

Onboard Winbond W83627 HF Chip support
1 x IrDA by pin Header
1 x Floppy
1x SPP, EPP /ECP Parallel Port by Pin Header
2 x RS-232 (Com 1/2)

Audio

Integrated ICH4 with AC97 Codec

Keyboard Mouse Connector

Staked Connector for Keyboard & Mouse

USB

2 Connectors + 4 x USB ports by Pin header

Expansion

1 onBoard PCI-Slot
up to 3 PCI Optioncards with 1 / 2 / 3 Slot Riser-Card

Hardware Monitoring

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

Watch Dog Timer

256 Levels Software programmable

Environmental

Operating Temperature : 0 .. .60 ° C

Storage : -20 ... 80 ° C

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

Fanless Operation with Passive Cooler/Heatpipe

Approvals

CE, FCC

Formfactor

5. 25" SBC/Little Board

Dimensions

203 x 146 mm