

MB-M7411

Micro ATX Pentium M Industrial Motherboard with Flat Panel / CRT, Audio & Dual LAN



Features ...

- ★ Intel Pentium M Processor, Dothan Processor, up to 2.0 GHz
- ★ 2 x 184 pin DIMM socket, support Max. 2GB DDR 266/333 MHz, ECC support
- ★ AGP4X or Integrated 32-bit 2D/3D gfx core with Dynamic Video Memory Technology
- ★ 2 x Intel 82540EM /82551QM single Ethernet controller (optional)
- ★ 3 x PCI V2.1/2.2 compliant bus slots

Specifications

System

- **CPU:** Intel Pentium M Processor, Dothan Processor, up to 2.0 GHz (in Maximum performance Mode at 1.30 V). socket 478, Micro Flip-Chip Pin Grid Array (Micro-FCPGA) Package
- **Memory:** 2 x 184 pin DIMM socket, support Max. 2GB DDR 266/333 MHz SDRAM, ECC support (single bit error correction / multiple bit errors reporting)
- **Chipset:** Intel 855GME + 82801DB chipset with 400MHz FSB, PCI V2.1/2.2 compliant and Optimized DDR 266/333 SDRAM support
- **BIOS:** Award PNP BIOS (W/ACPI & LCD support) Hot swap support
- **Enhanced IDE:** Support 2 E-IDE I/F (Supports ATA66/100)
- **Watchdog Timer(software):** 16 Level(1,2,4,...64)
- **Expansion Interface:** 3 PCI V2.1/2.2 compliant bus slots
- **On Board RTC:** High precision real time clock/calendar with battery(BR-2023 type) back up

MIO

- **Supper I/O Chipset:** Winbond W83627HF
- **Serial:** On board SIO x2, with 1x RS422/485 options, 9 pin D-type x1
- **USB:** 6 on board USB 2.0 ports
- **Parallel:** Bi-directional Parallel port(SPP/EPP/ECP support)
- **Floppy disk controller:** 3.5" 1.44MB support
- **K/B & Mouse:** On chip keyboard, mouse controller, 6 pin mini DIN x 1 for both PS/2 mouse and keyboard
- On board buzzer x 1

Audio

- AC'97 codec 6-CH output

LAN

- **Chipset:** Intel® 82540EM /82551QM

Single Ethernet controller x 2 (optional)

- **Ethernet Interface:** Support 2 port 10/100 Base-T Ethernet, Compliant with IEEE802.3, IEEE802.3U, IEEE802.3Z
- **Connector:** RJ45 connector x 2

Display

- **Chipset:** AGP4X or Integrated 32-bit 2D/3D gfx core with Dynamic Video Memory Technology
- **LVDS:** one Dedicated Dual Channel LVDS interface, support up to UXGA (1600x1200 at 60 Hz) LCD panel resolution with maximum pixel format of 18-bpp
- **LCD Interface:** 15pin D-SUB CRT, 1 slot for AGP4X / DVO selected by Jumper

Mechanical & Environmental

- **Dimension (L x W):** Power Consumption (244 x 244 mm)
- **Power Requirements:** ATX Power
- **Operating Temperatures:** 0°C to 60°C
- **Relative Humidity:** Up to 90% @ 55°C
- **Weight:**

Ordering Information

MB-M7411 VL2

Micro ATX, Intel® Pentium® M Processor with onboard VGA, Dual Fast Ethernet

MB-M7411 VLG (OEM Version)

Micro ATX, Intel® Pentium® M Processor with onboard VGA, Single Fast Ethernet and single Gigabit Fast Ethernet