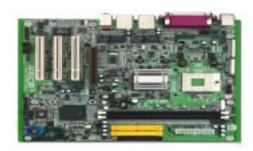
# ARBOR P

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



## **Features**

## **(€FCC**

- ★ 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**

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### System

- CPU: Intel Pentium M Processor, Dothan Processor, up to 2.0 GHz (in Maxmum 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

# Mechanical & Environmental

Single Ethernet controller x 2 (optional)

• Connector: RJ45 connector x 2

Video Memory Technology

pixel format of 18-bpp

• Ethernet Interface: Support 2 port 10/1000 Base-T Ethernet,

• Chipset: AGP4X or Integrated 32-bit 2D/3D gfx core with Dynamic

• LVDS: one Dedicated Dual Channel LVDS interface, support up to

UXGA (1600x1200 at 60 Hz) LCD panel resolution with maximum

• LCD Interface: 15pin D-SUB CRT, 1 slot for AGP4X / DVO selected

Compliant with IEEE802.3, IEEE802.3U, IEEE802.3Z

- 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:

Display

by Jumper

#### Audio

· AC'97 codec 6-CH output

#### LAN

• Chipset: Intel® 82540EM /82551QM

# **№** 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