

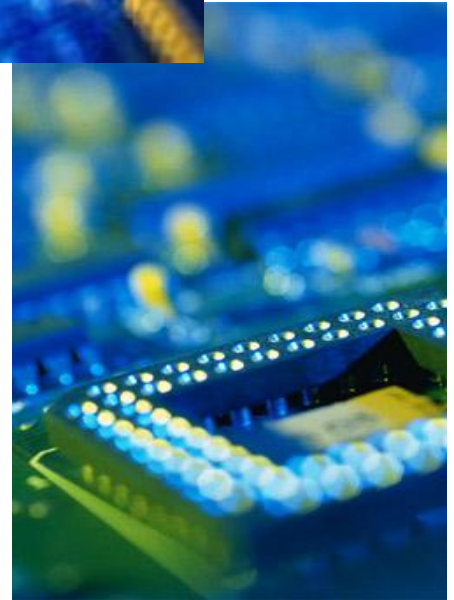


PMB-501

Pentium® M Flex-ATX Motherboard with VGA/ Sound/2LAN

PMB-501 is a new Pentium® M motherboard based on the latest Intel® processor, Pentium® M and Intel® 855GME chipset. The Pentium® M series allows systems to be thin, light and with low power design. With innovative power management, it enables the computer to run robust applications with low power consumption. It is an excellent balance of performance and electrical expenditure. In addition, the new Pentium® M series also provides high speed networking availability, supporting dual LAN ports up to 1 Gigabits with Intel® 82540EM chipset.

This Flex-ATX industrial motherboard supports Pentium® M processor running up to 1.8GHz, and is interoperable 2GB double data rate (DDR) SDRAM memory with ECC register module under the control of Intel® 855GME chipset, which is an optimized integrated graphics solution with 400MHz system bus and integrated 32-bit 3D core at 133MHz. Onboard USB host controller provides high-performance peripherals with 480MB of bandwidth up to six USB 2.0 ports. Other functions are 2 EIDE connectors, 4 COM ports, CRT, DVO and LVDS display functions, AC '97 Audio, 1 AGP slot, and 2 PCI slots, which help the PMB-501 become the best solution for IU server.



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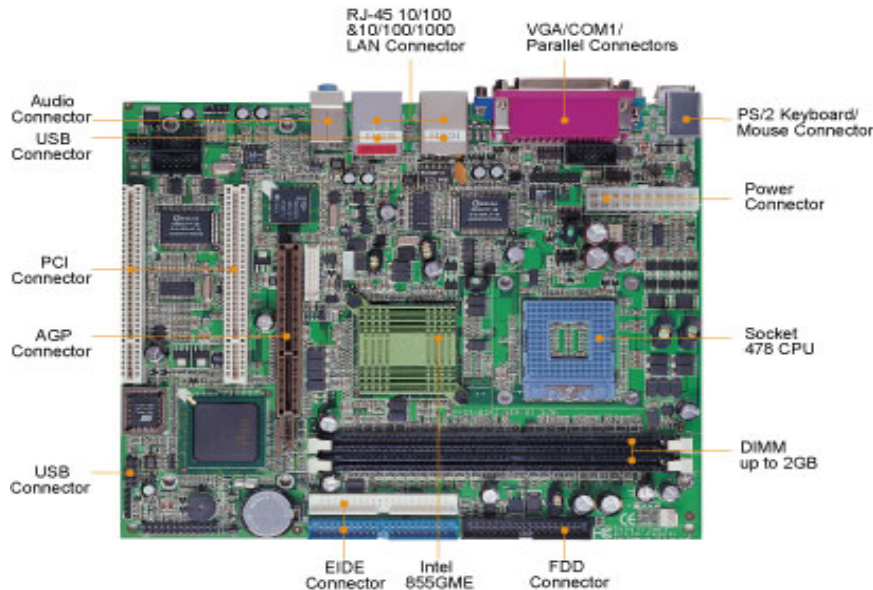
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Display Specifications

PMB-501

Graphic	Built-in Intel® 855GME, share system memory Support CRT, LVDS
LCD Interface	18/36-bit LVDS

System Specifications

CPU	Intel® Pentium® M Processor
CPU Frequency	1.3~2.0GHz
Chipset	Intel® 855GME + ICH4
DRAM	2 x 184-Pin DDR DIMM, support DDR266 SDRAM up to 2 GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w/Reset/NMI
Power Supply	Support AT/ATX power
Power Requirement	+5V, +12V, +3.3V, -12V, +5VSB
Power Consumption	+5V: 2.91A/ +12V: 2.08A (Pentium® M 1.3GHz)
Dimension	228.6 mm x 190.5mm (9" x 7.5")

Mechanical Specifications

IDE Interface	1 x 40-pin IDE (UDMA 33/66/100/133) 1 x 40-pin IDE (UDMA 33/66/100)
Audio	AC '97 Codec, Realtek ALC202A with Line-in/ Line-out/MIC
FDD Interface	1
Operating Temperature	0-60°C (32° ~ 140°F)
Storage Temperature	-40°C - 85°C (~40° ~ 185 °F)
Humidity	Operation humidity 20~90%, Storage humidity 20~95%
Bus Interface	2 x PCI slots, 1 x AGP slot
Serial Port	4 x COM ports, COM 1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
Parallel Port	1 x parallel (SPP/EPP/ECP)
IrDA	I (SIR)
Keyboard	Mini DIN connector
Mouse	Mini DIN connector
LAN	LAN 1: Intel® 82562EM (10/100Mbps) LAN 2: Intel® 82541GI (10/100/1000Mbps) Support Wake-On-LAN with ATX power
USB	6 x USB 2.0

Note: All specifications are subject to change without notice.



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