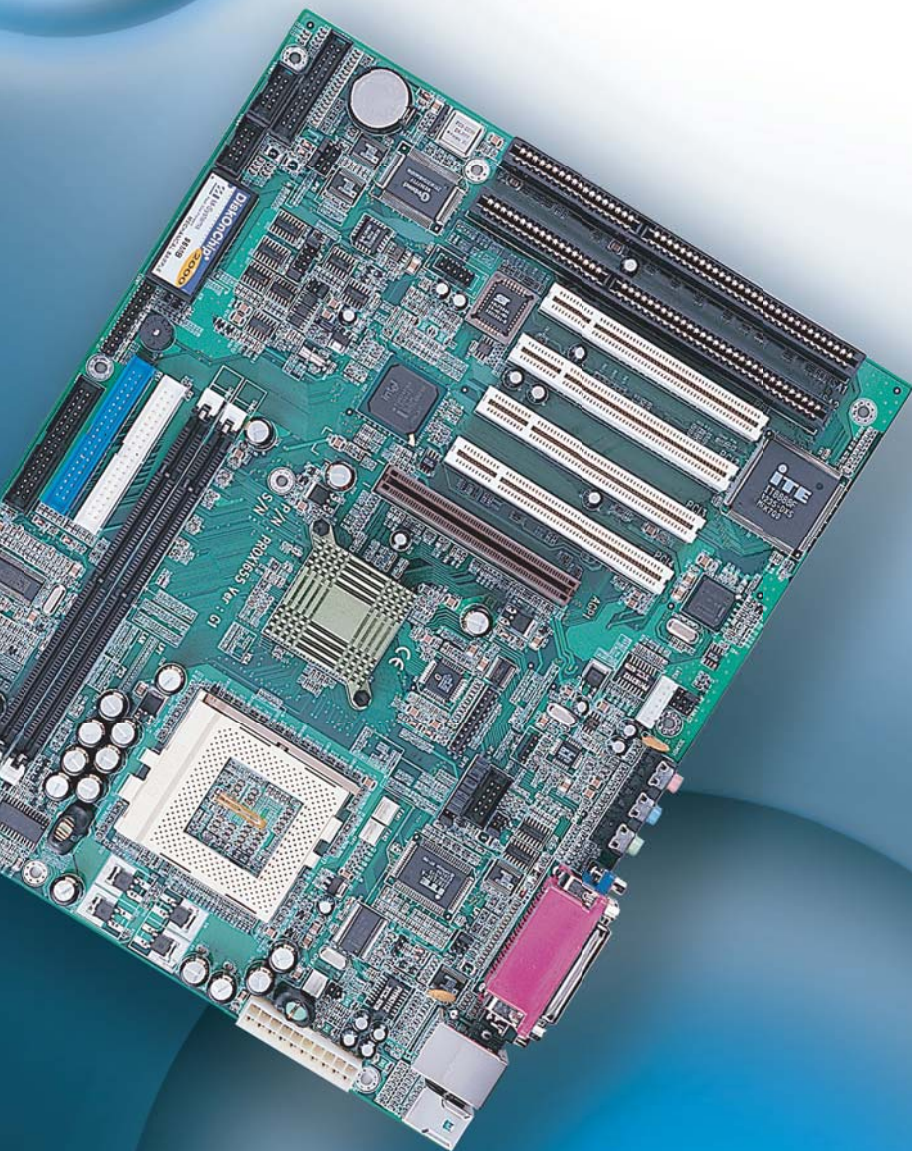


SBC



PMB-1655

**Socket 370 Pentium® III
/ Celeron® / VIA C3
Motherboard w / VGA /
Audio / 2LAN**

PMB-1655 supports Socket 370 for Intel® Pentium® III Tualatin Processor or Celeron® Processor which is based on Intel 815E Chipset w/AGP 4x/2x universal slot and supports 66/100/133MHz FSB ;Intel® ICH2 Chipset w/AC'97 Controller, Integrated 2 full IDE channels up to ATA100; Integrated 10/100Mbps Ethernet; Low pin count interface for Winbond W83877F; 4 USB ports. On-Board Peripherals include 1 Floppy port; 4 Serial ports (COM2 for RS232/422/485); 2 Parallel ports supports SPP/EPP/ECP mode & 4 USB ports.

It also has built in GMCH VGA function sharing maximum 64MB system memory for CRT. Protech Systems has prepared the AGP slot for graphic add-on card expansion. For networking purpose, the PMB-1655 has also built in Intel 82562ET PHY & 82559, 10/100 Mbps Ethernet, 1xRJ-45 Jack, 1x 6pins header on board to have dual LAN function.



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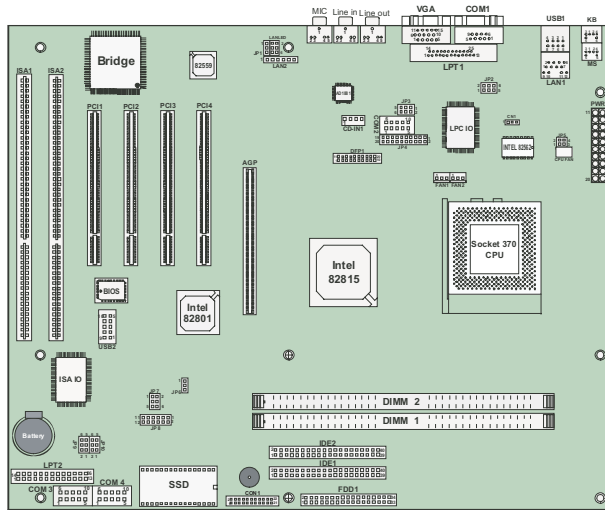
<http://www.protech.com.tw>

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PMB-1655

Socket 370 Pentium® III / Celeron® / VIA C3 Motherboard w / VGA / Audio / 2LAN



Specifications

System	
CPU Type	Intel® Pentium® III / Celeron® (Tualatin) VIA C3 processor
CPU Frequency	566MHz~1.26 GHz
Chipset	Intel® 815E + ICH2 (FSB:100/133MHz)
DRAM	2 x 168-pin DIMM, support PC100/133 SDRAM up to 512MB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	16 level Watchdog timer selectable w/Reset/NMI
Power Supply	Supports ATX power
Power Requirement	+5V, +12V, +5VSB
Power Consumption	+5V: 6.8A / +12V: 0.09A (Pentium® III 1GHz) +5V: 6.41A / +12V: 0.18A (Celeron® 1.3GHz) +5V: 3.72A / +12V: 0.17A (VIA C3 866MHz)
Dimension	305mm x 244mm (12" x 9.61")
I/O Chipset	
IDE Interface	2 x 40-pin IDE (UDMA 33/66/100)
SSD	32-pin socket supports DOC up to 288MB
FDD Interface	1
Bus Interface	1 x AGP slot, 4 x PCI slots, 2 x ISA slots
Serial Port	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)

Parallel Port	2 x parallel (SPP/EPP/ECP)
IrDA	1 (SIR)
Keyboard	Mini DIN connector
Mouse	Mini DIN connector
LAN	LAN 1: Intel® 82562EM (10/100Mbps) LAN 2: Intel® 82559 (10/100Mbps) Supports Wake-on-LAN with ATX power
Audio	AC '97 Codec with Line-in / Line-out / MIC
USB	4 x USB 1.1

Display	
Graphic	Built-in Intel® 815E, 4MB display cache SDRAM Share system memory, supports CRT, AGP

Environment	
OperationTemp.	0°~60°C(32°~140°F)
Storage Temp.	-40°~85°C(-40°~185°F)
Humidity	Operation humidity 20~90%, storage humidity 20~95%

Ordering Information	
PMB-1655	ATX size S370 PIII MB w VGA / Audio / LANx2

Certificate: CE, FCC, CLASS A

PERFORMANCE & POWER CONSUMPTION

CPU Type	Business Winstone 99	Content Create Winstone 2000	Content Create Winstone 2001	Power Consumption +5V and +12V
VIA® C3 866MHz	30	19.6	18.4	3.72A/0.17A
Intel® Celeron 1300MHz	37.9	31.1	30.1	6.41A/0.18A
Intel® P III 1000MHz	35.6	28.7	27.7	6.8A/0.09A

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