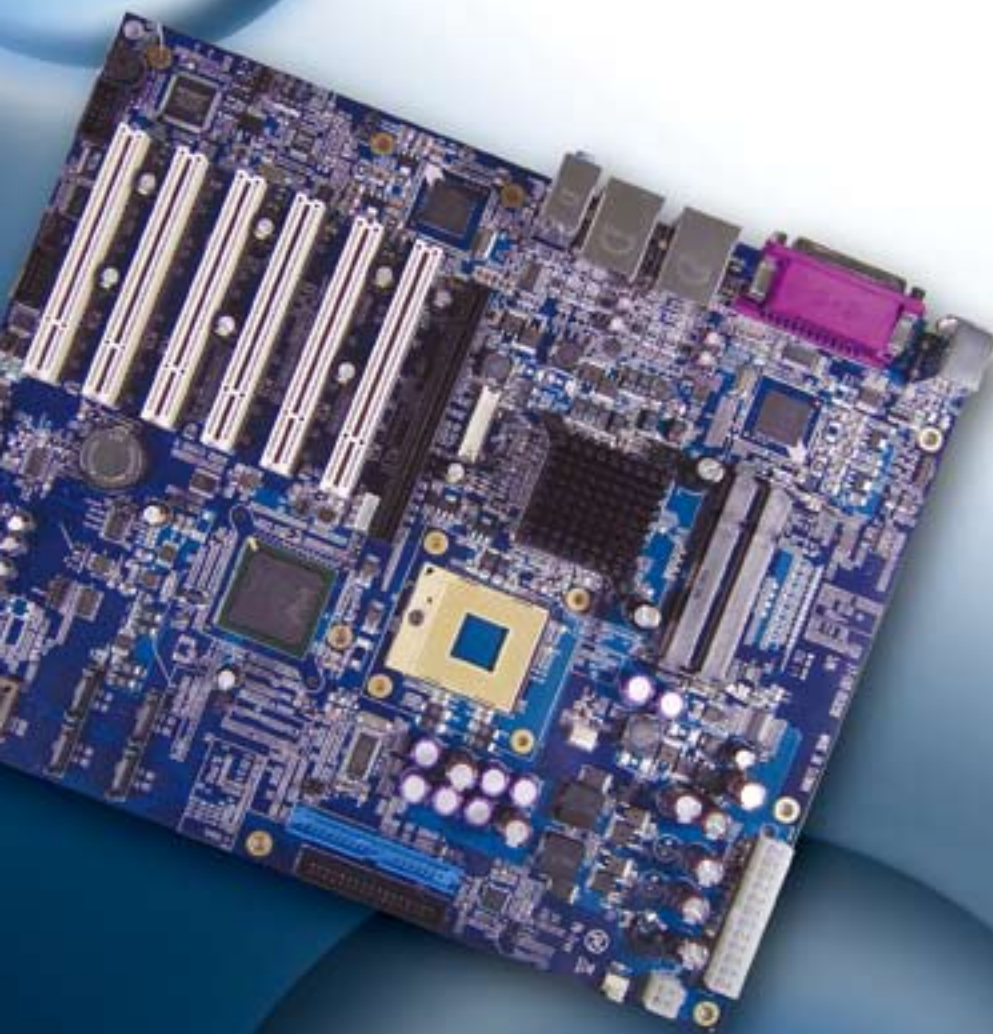


# SBC



## **PMB-532LF**

**Intel® Core Duo /  
Celeron® M  
Motherboard w / VGA  
/ Audio / 2LAN**

### **Features :**

- Support Intel® Core Duo / Celeron® M up to 2.23GHz
- Equipped with Intel® 945GME Chipset with FSB 533/667MHz
- Memory Supports DDR2 667 SDRAM up to 3GB
- Support 4 x SATA and IDE Interfaces
- Expansion Slots for PCI-E (16x) and 6 x PCI
- Support 2 x Gigabit LAN ports with Wake-on-LAN with ATX power



**PROTECH SYSTEMS**

*It's the right choice*

No. 24, Lane 365, Yang Guang St., Nei Hu District, Taipei 114, Taiwan, R.O.C.

Tel: +886-2-8751-1111

Fax: +886-2-8751-1199

Email: [sales@protech.com.tw](mailto:sales@protech.com.tw)

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

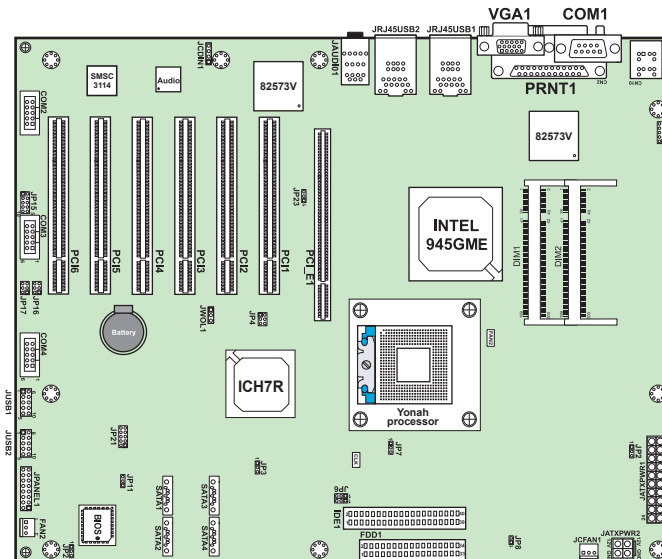


**ISO CERTIFIED**

**9001 | 14001**

# PMB-532LF

Intel® Core Duo Motherboard w / VGA / Audio / 2LAN



Specifications	
<b>System</b>	
<b>CPU Type</b>	Intel® Core Duo / Core solo / Core 2 Duo / Celeron® M processor
<b>CPU Frequency</b>	1.46~2.23GHz
<b>Chipset</b>	Intel® 945GME + ICH7R (FSB : 533/667MHz)
<b>DRAM</b>	2 x 200-pin DDR2 SO-DIMM, Support DDR II 667 SDRAM up to 3GB
<b>BIOS</b>	Phoenix-Award PnP BIOS, with VGA BIOS
<b>Watchdog</b>	1~255 secs Watchdog timer selectable w / Reset / NMI
<b>Power Supply</b>	Support ATX power
<b>Power Requirement</b>	+5V, +12V
<b>Power Consumption</b>	+5V : 2.51A / +12V : 1.94A (Core Duo T2500)
<b>Dimension</b>	305mm x 244mm (12" x 9.61")
<b>I/O Chipset</b>	
<b>IDE Interface</b>	1 x 40-pin IDE (UDMA 33/66/100)
<b>SATA Port</b>	4 x S-ATA connector (Raid 0,1,5,10)
<b>FDD Interface</b>	1
<b>Bus Interface</b>	1 x PCI-E (16x) slot (SDVO), 6 x PCI slots
<b>Serial Port</b>	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
<b>Parallel Port</b>	1 x parallel (SPP / EPP / ECP)
<b>IrDA</b>	1 (SIR)
<b>Keyboard</b>	Mini DIN connector
<b>Mouse</b>	Mini DIN connector
<b>USB</b>	8 x USB 2.0

<b>LAN</b>	LAN 1 : Intel® 82573V (10/100/1000Mbps) LAN 2 : Intel® 82573V (10/100/1000Mbps) Support Wake-on-LAN with ATX power
<b>Audio</b>	AC '97 Codec, Realtek ALC655 With Line-in / Line-out / MIC
<b>Display</b>	
<b>Graphic</b>	Built-in Intel® 945GME, share system memory, Support CRT, LVDS, SDVO, PCI-E 16X, TV
<b>LCD Interface</b>	18-bit LVDS
<b>Environment</b>	
<b>OperationTemp.</b>	0°~60°C(32°~140°F)
<b>Storage Temp.</b>	-40°~85°C(-40°~185°F)
<b>Humidity</b>	Operation humidity 20~90%, Storage humidity 20~95%

Ordering Information	
<b>PMB-532LF</b>	ATX S478 Core Duo w VGA / Audio / LAN x 2 (10/100/1000Mbps)
<b>Certificate: CE, FCC CLASS A</b>	

All of trademarks and brand names are the property of their owners. Trademark "Protech" is the property of Protech Systems Co., Ltd. All information contained in this document is subject to change without any prior notice. This catalog is copyrighted in July 2008.