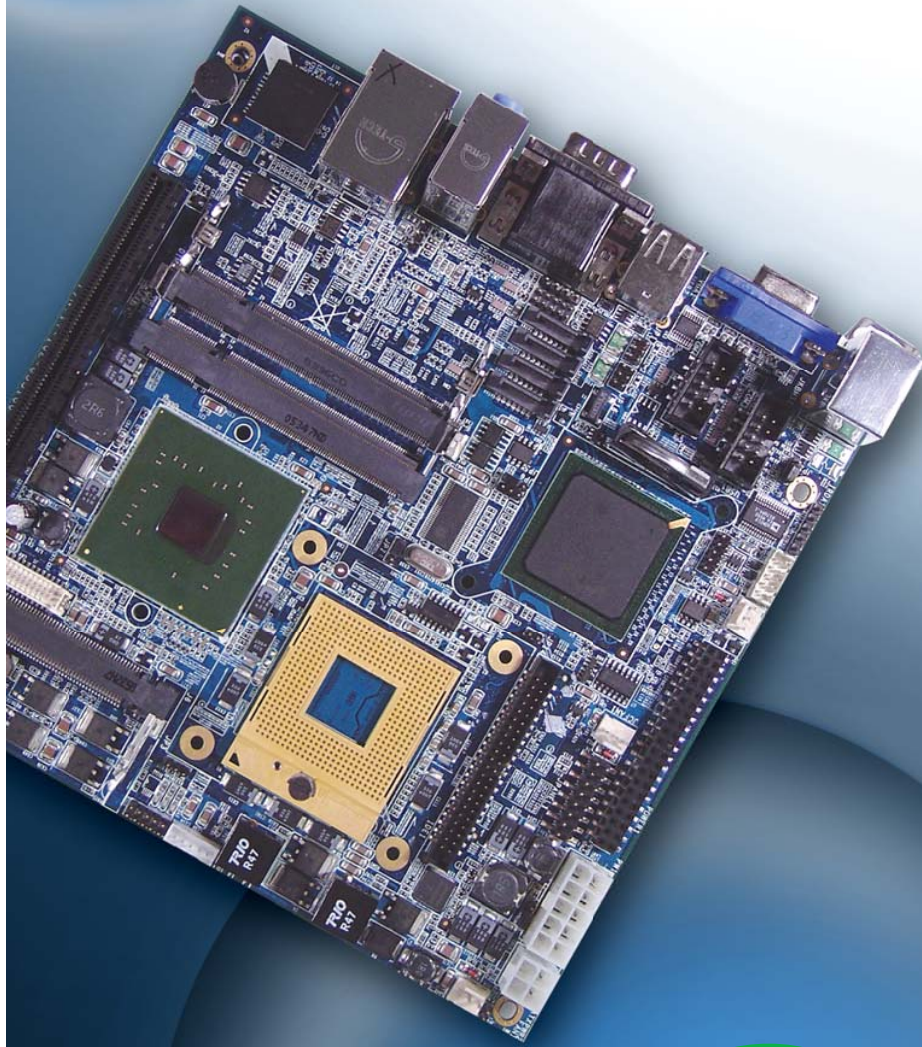


SBC



PMB-531LF

**Intel® Core Duo /
Celeron® M Mini-ITX
Motherboard w / VGA
/ Audio / LAN**

Features :

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



PROTECH SYSTEMS
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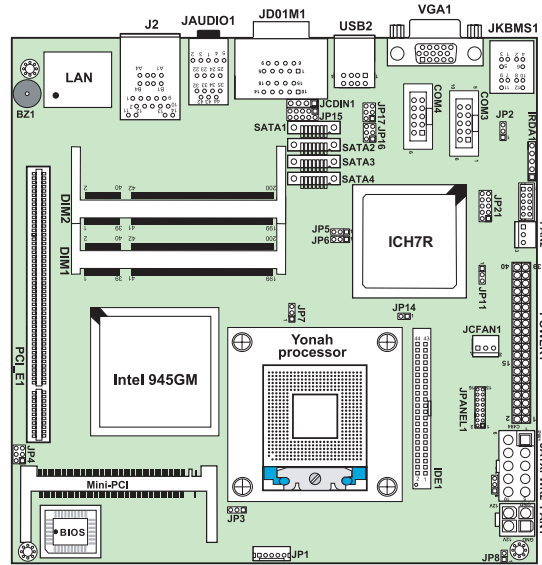
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ISO CERTIFIED
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PMB-531LF

Intel® Core Duo Mini-ITX Motherboard w / VGA / Audio / LAN



Specifications	
System	
CPU Type	Intel® Core Duo / Celeron® M processor
CPU Frequency	1.46~2.23GHz
Chipset	Intel® 945GM + ICH7R (FSB : 667MHz)
DRAM	2 x 200-pin DDR2 SO-DIMM, Support DDR II 667 SDRAM up to 2GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	ATX 10pin
Power Requirement	+5V, +12V
Power Consumption	+5V : 2.238A / +12V : 2.027A (Core Duo T2500)
Dimension	170mm x 170mm (6.69" x 6.69")

I/O Chipset	
IDE Interface	1 x 44-pin IDE (UDMA 33/66/100)
SATA Port	4
CF	1
Bus Interface	1 x PCI-E (16x) slots (SDVO), Mini PCI
Serial Port	4 x COM ports, COM1/3/4 for RS232, COM2 for RS232/422/485 (for 16550 compatible type of UART)
IrDA	1 (SIR)
Keyboard	Mini DIN connector
Mouse	Mini DIN connector
USB	6 x USB 2.0

LAN	LAN 1 : Intel® 82573V (10/100/1000Mbps) Support Wake-on-LAN with ATX power
Audio	AC '97 Codec, Realtek ALC655 With Line-in / Line-out / MIC

Display	
Graphic	Built-in Intel® 945GM, share system memory, Support CRT, LVDS, SDVO, TV
LCD Interface	18-bit LVDS

Environment	
Operation Temp.	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-531LF	Mini-ITX S478 Core Duo w VGA / Audio / LAN (10/100/1000Mbps)
Certificate: CE, FCC CLASS A	

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