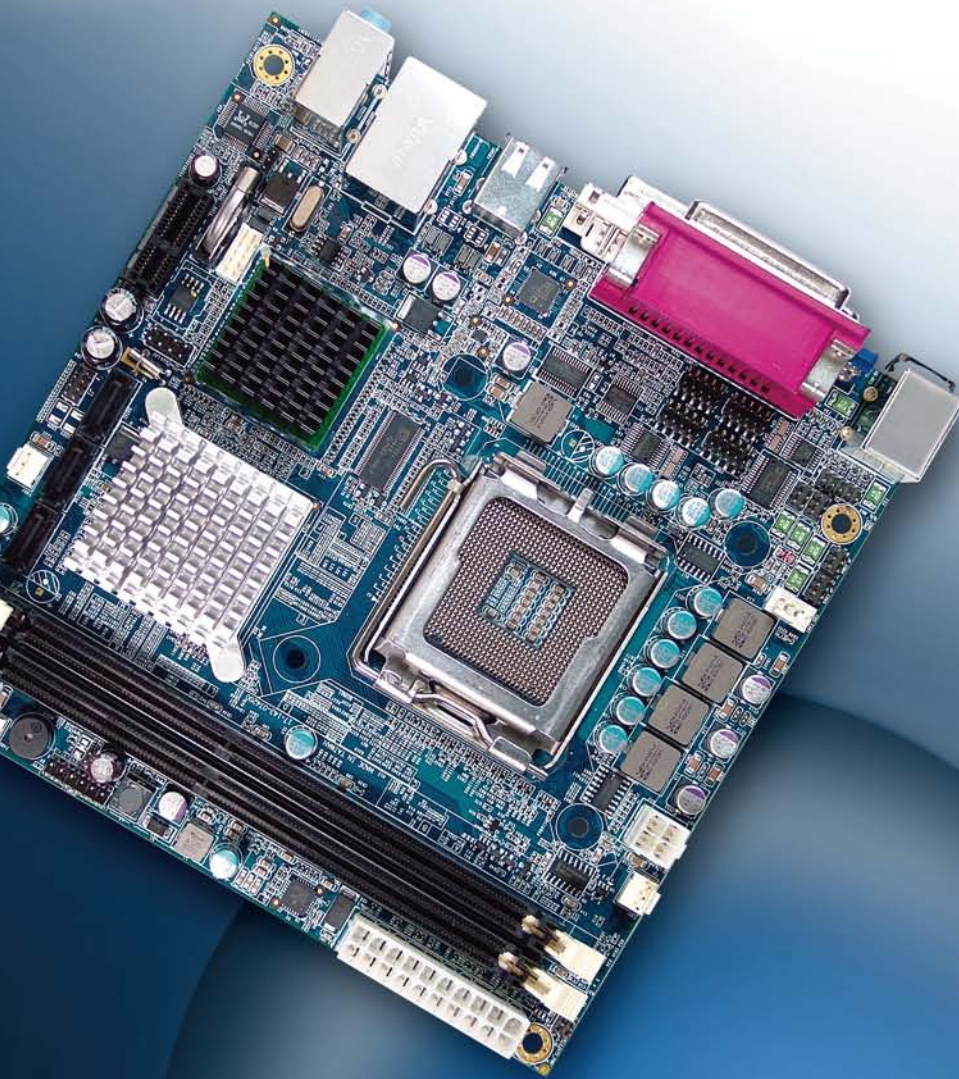


SBC



PMB-742LF

**Intel® Core™ 2 Quad/Core™ 2 Duo/Celeron® Mini-ITX
Motherboard w/ Intel® G41
Express chipset**

Features and Benefits:

- Supports Intel® Core™ 2 Quad / Intel® Core™ 2 Duo / Celeron® processors
- Equipped with Intel® G41+ICH7 Chipset
- Memory Supports DDR3 SDRAM up to 4GB
- Support 3 x SATA II
- 1 x Expansion Slots for PCIe
- Support Gigabit LAN port with Wake-on-LAN with ATX power



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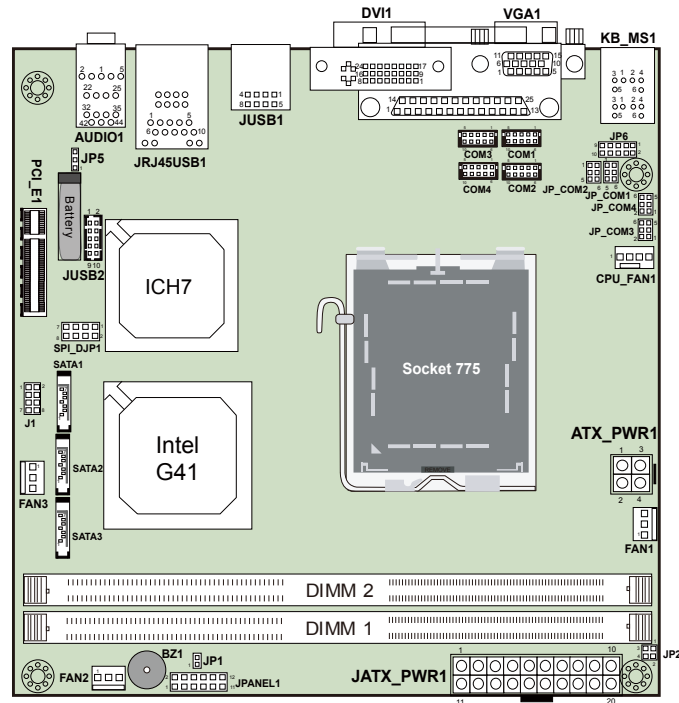


ISO CERTIFIED

9001 | 14001

PMB-742LF

Intel® Core™ 2 Quad/Core™ 2 Duo/Celeron® Mini-ITX
Motherboard w/ Intel® G41 Express chipset



Specifications

System

CPU Support	Intel® Core™ 2 Quad / Core™ 2 Duo / Celeron® processor
CPU Frequency	1.8~3.3GHz GHz
Chipset	Intel® G41+ICH7 Chipset
DRAM	2 x 240-pin DDR3 DIMM, support up to 4GB
BIOS	AMI BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Support ATX Power
Power Requirement	+5V, +12V
Power Consumption	+5V: 2.238A / +12V : 2.027A (Intel® E1500 CPU)
Dimension	170 mm x 170 mm (6.69" x 6.69")
Certificate	FCC/CE

I/O Chipset

SATA Interface	3 x S-ATA II connector
Expansion BUS	1 x PCIe
Serial Port	4 x COM port, COM 1/3/4 for RS232, COM 2 for RS232/422/485 (for 16550 compatible type of UART)
Parallel port	1 x parallel port (SPP/EPP/ECP)
IrDA	1 (SIR) (Jumper selected for COM 2/IrDA)

Keyboard	Mini DIN connector
Mouse	Mini DIN connector
LAN	LAN 1 : Realtek 8111DL (10/100/1000Mbps) Support Wake-on-LAN with ATX power
Audio	HD Audio, Realtek ALC888 With Line-in / Line-out / MIC
USB	6 x USB 2.0

Display

Graphic	Built-in Intel® GMA X4500 (Dynamic Video Memory Technology 5.0)
VGA	1 x D-Sub Connector
DVI	1 x DVI-D stack

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-742LF	Mini-ITX LGA 775 Core™ Duo w VGA / DVI / Audio / LAN (10/100/1000Mbps)
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