

SBC



IPC-MP742

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



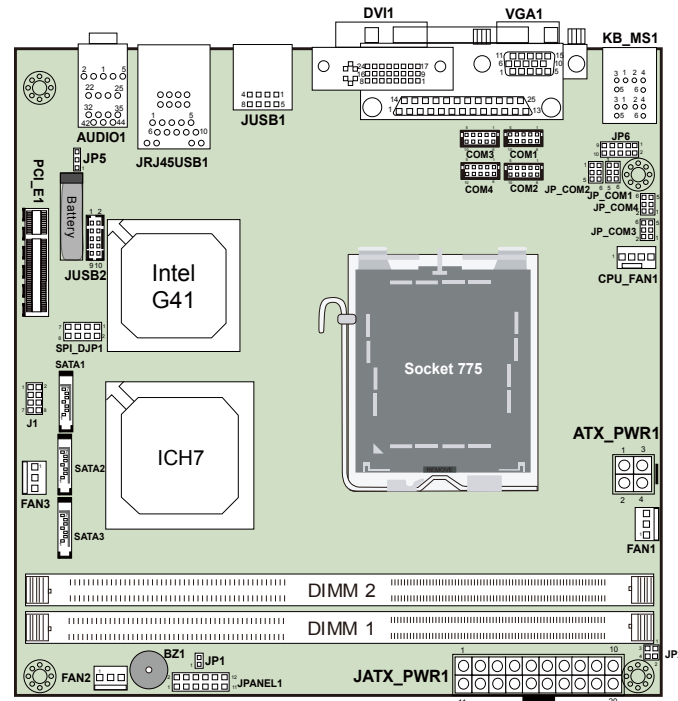
Your IPC Solutions Partner



ISO CERTIFIED
9001 14001

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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 Consumption	+5V, +12V
Dimension	170mm x 170mm (6.69" x 6.69")
Certificate	FCC / CE

I/O Chipset

SATA Interface	3 x S-ATA II connector
Expansion BUS	1 x PCIe (1X)
Serial Port	4 x COM port, COM 1/3/4 for RS232, COM 2 for RS232/422/485
Parallel Port	1 x Parallel port (SPP / EPP / ECP)
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/ALC886 with
Line-in / Line-out / MIC

USB

6 x USB2.0

Display

Graphics

Build-in Intel® GMA X4500 (Dynamic Video
Memory Technology 5.0)

VGA

1 x D-Sub Connector

DVI

1 x DVI-D stack

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

IPC-MP742

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

