

SBC

PSB-601LF

Socket 775 New Intel®
Q965 Supports Intel®
Core 2 Duo
Processors for Best in
Class Performance

Features and Benefits:

- Support Intel® Core 2 Duo, Intel® Celeron® D, Intel® Pentium® D and Intel® Pentium® 4 processors
- Equipped with Intel® Q965 Chipset with FSB 1066MHz
- Memory Supports DDRII 800 SDRAM up to 4GB
- Expansion Slots for MXM, PCI & ISA
- Applications such as gaming, medical, multimedia systems, digital image storage servers and more



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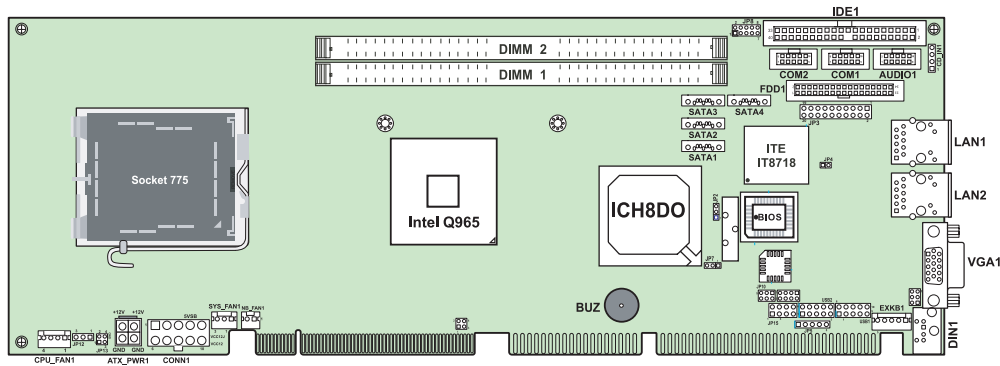
<http://www.protech.com.tw>



ISO CERTIFIED
9001 | 14001

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Specifications

System

CPU Type	Intel® Celeron® D, Pentium® 4, Pentium® D, Core 2 Duo, LGA-775 processor
Chipset	Intel® Q965 + ICH8DO + FWH (FSB : 533/667/800/1066MHz)
DRAM	2 x 240-Pin DDR2-DIMM Socket (Support 4GB)
BIOS	PhoenixAward PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Support ATX / AT Power
Power Requirement	+5V, +12V
Power Consumption	+5V : 3.2A / +12V : 10.45A
Dimension	338.5mm x 122mm (13.33" x 4.8")

I/O Chipset

SATA Interface	4 x S-ATA connector
FDD Interface	One FDD connector with 34-pin Boxheader on board
IDE Interface	1 x 40-pin IDE (UDMA33/66/100)
Function BUS	CF x 1, MXM bus
Serial Port	2 port, 16550 UARTs RS-232 x COM1 for RS-232, COM2 for RS-232/422/485
IrDA	1 (SIR)
Keyboard	Mini DIN connector
Mouse	Mini DIN connector

LAN

Lan1 : Marvell 88E8052, 1G BaseTx Ethernet
Lan2 : Marvell 88E8052, 1G BaseTx Ethernet

Audio

Realtek ALC262 with Line-in / Line-out / MIC

USB

4 port, support USB 2.0

Display

Graphic Built-in Intel® Q965, share system memory,
Support CRT

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

PSB-601LF PICMG Intel Core S775 Q965 w VGA / Audio / 2COM / 2LAN (1Gmpbs)

Certificate: CE, FCC, CLASS A

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