

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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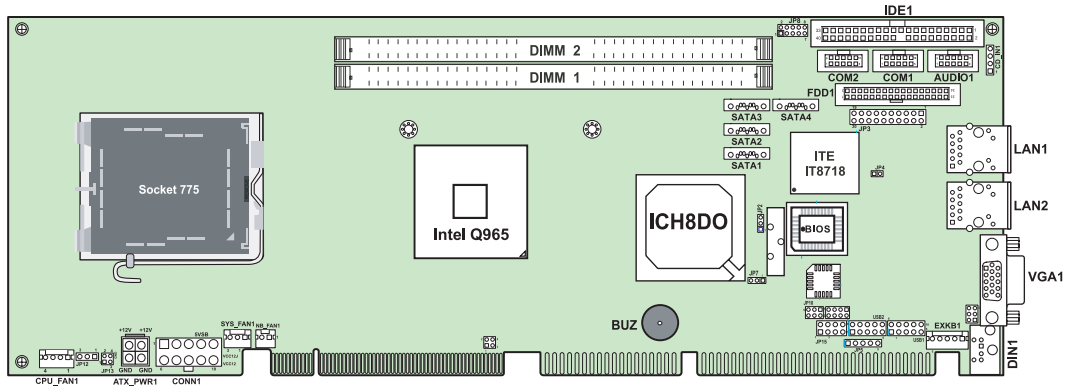


ISO CERTIFIED

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

| | |
|-----------------------|---|
| 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

| | |
|--------------------------------------|---|
| PSB-601LF | PICMG Intel Core S775 Q965 w VGA / Audio / 2COM / 2LAN (1GMpbs) |
| Certificate: CE, FCC, CLASS A | |

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