

SBC

PSB-602LF

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

Features and Benefits:

- PICMG 1.0 Full size CPU card, supports 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
- Applications such as gaming, medical, multimedia systems, digital image storage servers and more



PROTECH SYSTEMS

It's the right choice

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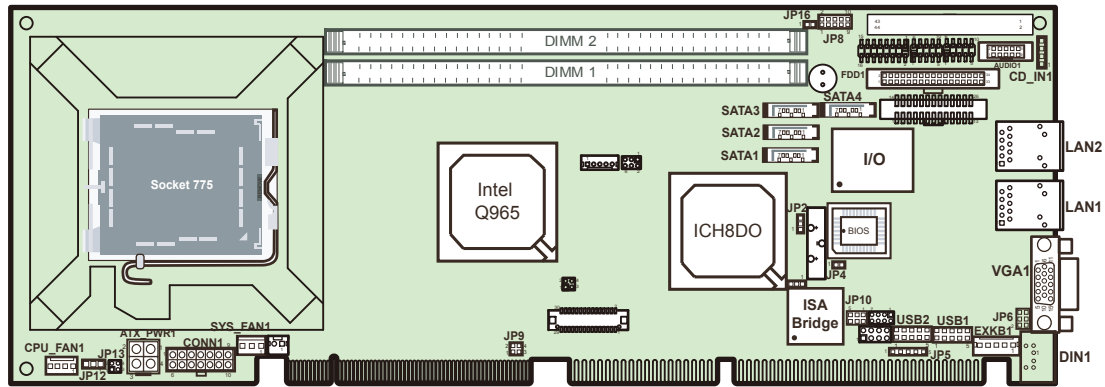


ISO CERTIFIED

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 : 533/800/1066MHz)
DRAM	2 x 240-Pin DDR2-DIMM Socket (Supports DDR2 533/667/800MHz, up to 4GB)
BIOS	PhoenixAward PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Supports 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	1 x FDD connector with 34-pin Boxheader on board
IDE Interface	1 x 40-pin IDE (UDMA33/66/100)
Function BUS	1 x CF
Serial Port	2 x Serial ports, 16550 UARTs RS-232 x COM 1 for RS-232, COM 2 for RS-232/422/485
Parallel Port	1 x Parallel Port (SPP/EPP/ECP)
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 x USB 2.0

Display

Graphic	Built-in Intel® Q965, share system memory, Supports CRT, LVDS (LVDS transfer from SDVO)
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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-602LF	PICMG 1.0 Intel® Core S775 Q965 w VGA / Audio / 2 x COM / 2 x LAN (1GMbps)
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Certificate: CE, FCC, CLASS A