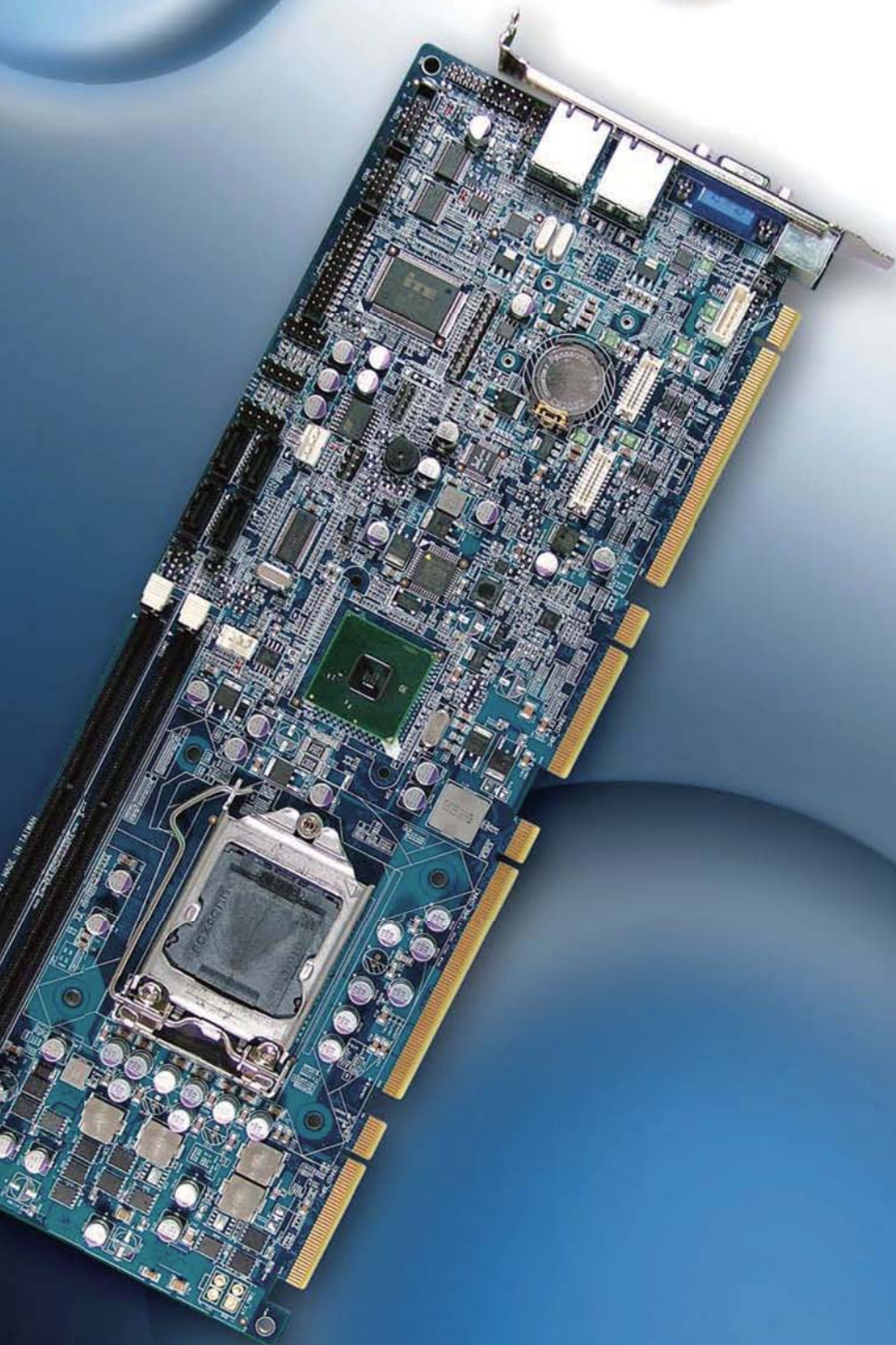


SBC



PSB-861LF

Intel® LGA1156 PICMG
1.3 full size CPU Card
w/ VGA/Sound/2LAN

Features :

- Support Intel® LGA1156 processors
- Equipped with Intel® Q57 Chipset
- Memory Supports DDR3 1066/ 1333 SDRAM up to 8GB
- Supports 2 x 10/100/1000 Mbps Ethernet Connection, PICMG 1.3 compliance
- Supports Trusted Platform Module Applications such as ATM, multimedia systems, digital image storage servers and more



Protech Systems Co., Ltd.

No. 24, Lane 365, Yang Goang Street, Nei Hu District Taipei 114, Taiwan
TEL: +886-2-8751-1111 FAX: +886-2-8751-1199
E-mail: sales@protech.com.tw
<http://www.protech.com.tw>

Protech Technologies Inc.

950 Fee Ana St, Suite B Placentia, CA 92870
TEL: +1-714- 996-7200 FAX: +1-714- 996-7300
Sales: sales@protech-usa.net
<http://www.protech-usa.net>

Protech Japan Co., Ltd.

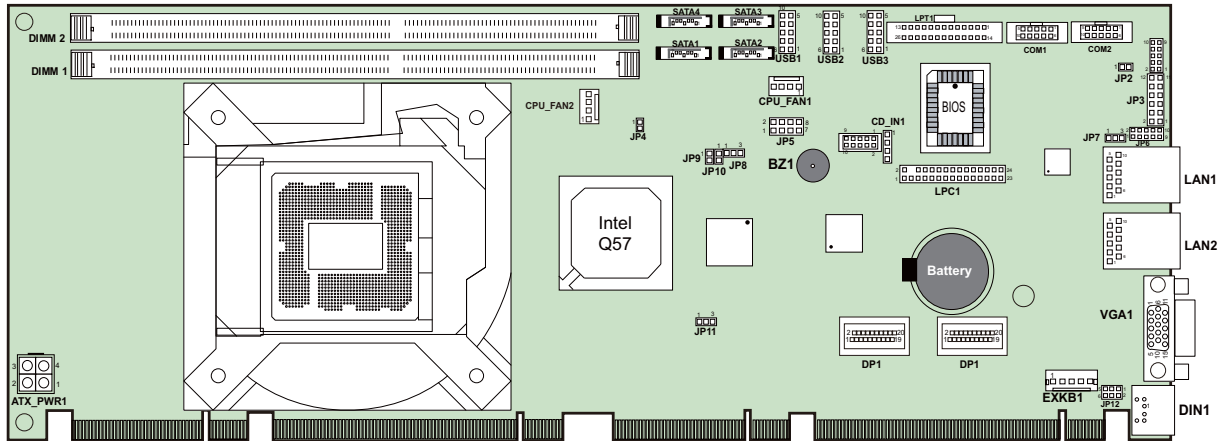
OSK Bldg, 6F, 6-25-14, Minami-ohi Shinagawa-ku, Tokyo, 140-0013
TEL: +81-3-5753-8411 FAX: +81-3-3763-9282
E-mail: sam@protech-j.com
<http://www.protech-j.com>



ISO CERTIFIED
9001 14001

PSB-861LF

Intel® LGA1156 PICMG 1.3 full size CPU Card
w/ VGA/Sound/2LAN



Specifications

System

CPU Support Intel® Core™ i3/ i5/ i7, Pentium® G6950 CPU with LGA1156 CPU socket (support Intel® 45nm, 32nm Process Technology CPU)

CPU Frequency 2.68~3.33GHz

Chipset Intel® Q57

DRAM 2 x 240-Pin DDR2 DIMM, support Dual channel memory architecture and DDR3 1066/ 1333MHz up to 8GB

BIOS Phoenix-Award PnP BIOS, with 4MB SPI flash

Watchdog 1~255 secs Watchdog timer selectable w/Reset/NMI

Power Supply Support ATX power

Power Requirement +5V, +12V, +3.3V, +5Vsb

Power Consumption +5V: 1.96A/+12V: 2.51A/+3.3V: 1.28A/+5Vsb: 1.9A

Dimension 338.5 mm x 126 mm (13.33" x 4.96")

Certificate FCC / CE

I/O Chipset

SATA Interface 6 x S-ATA II connector (Raid 0, 1, 5, 10) 4 ports on board; 2 ports signals via SHB C to backplane

TPM TPM1.2 1 with 20-pin header on board for TPM (Trusted Platform Module)

Expansion BUS Mini PCIe

Serial Port 2 x COM port, COM 1 for RS232, COM 2 for RS232/422/485 (for 16550 compatible type of UART)

Parallel Port 1 x parallel port (SPP / EPP / ECP)

Keyboard Mini DIN connector or external connector

Mouse Mini DIN connector (selectable w / KB) or Y-cable

LAN LAN 1: Intel® 82578DM (10/100/1000 Mbps)

LAN 2: Intel® 82583V (10/100/1000 Mbps)

Support Wake-on-LAN with ATX power

Audio HD Codec, Realtek ALC888

USB 10 x USB 2.0

6 ports pinheader on board; 4 ports signals via SHB C to backplane

Display

Graphic Built-in Intel® Q57, Support CRT, DP

CRT: built-in Q57

DP: 2 ports, built-in Q57

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-861LF PICMG 1.3 Intel® LGA1156 CPU Card w/ VGA, Audio, 2COM, 2LAN (10/100/1000Mbps)