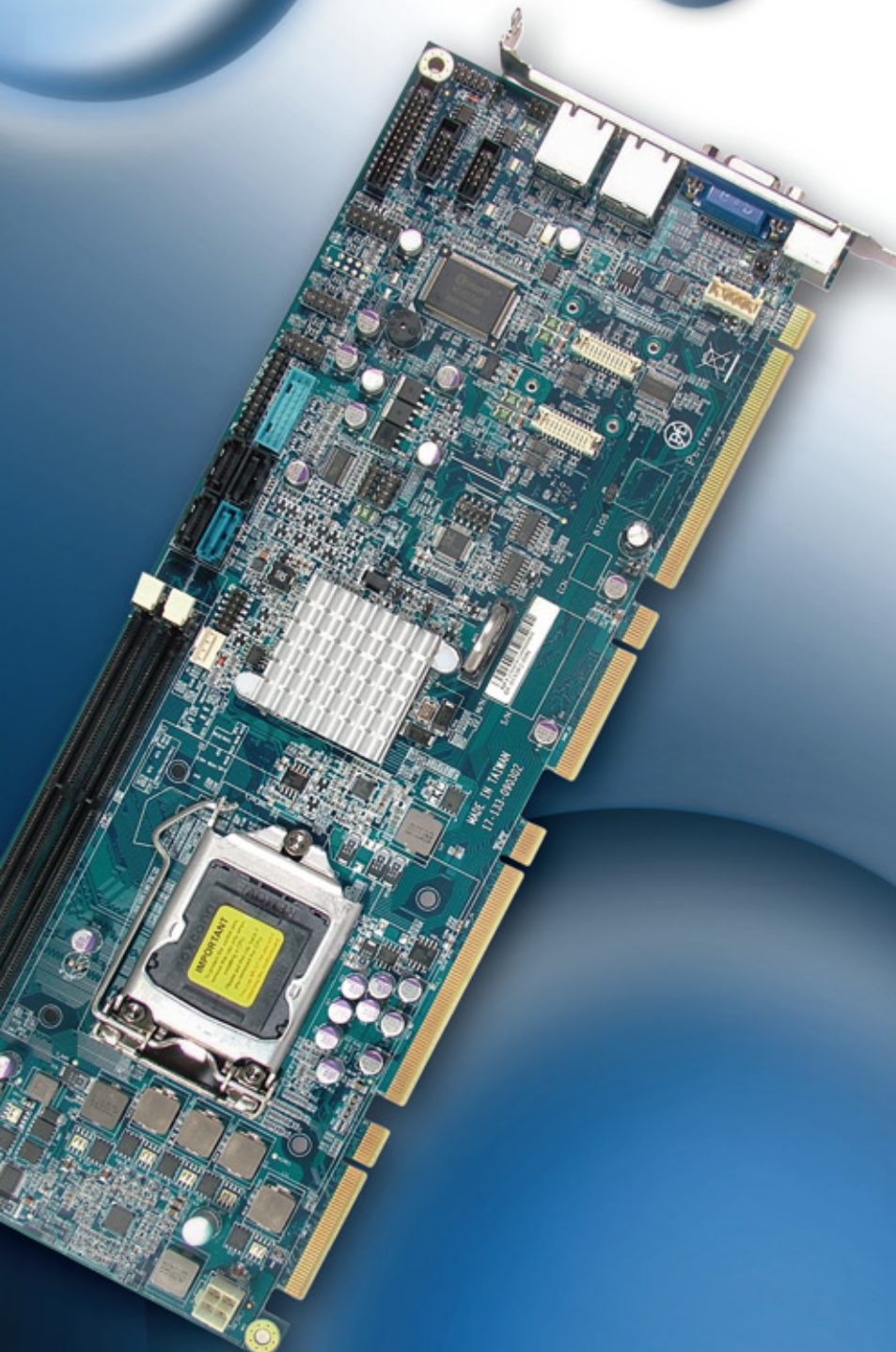


SBC



PSB-893LF

PICMG1.3 Full Size CPU
Card supports 3rd Gen.
Intel® Core™
i7/i5/i3/Pentium® CPU with
Intel® 7series chipset,
VGA, Audio, 2LAN, 2COM

Features :

- LGA 1155 Intel® 3rd Gen Core™ i7/i5/i3 Pentium® CPU
- Equipped with Intel® Q77 chipset
- Memory supports DDR3 1066/ 1333 DIMM up to 16GB
- Supports Dual Gigabit Ethernet
- Supports USB 3.0
- Supports Trusted Platform Module



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<http://www.protech-usa.net>

Protech Japan Co., Ltd.

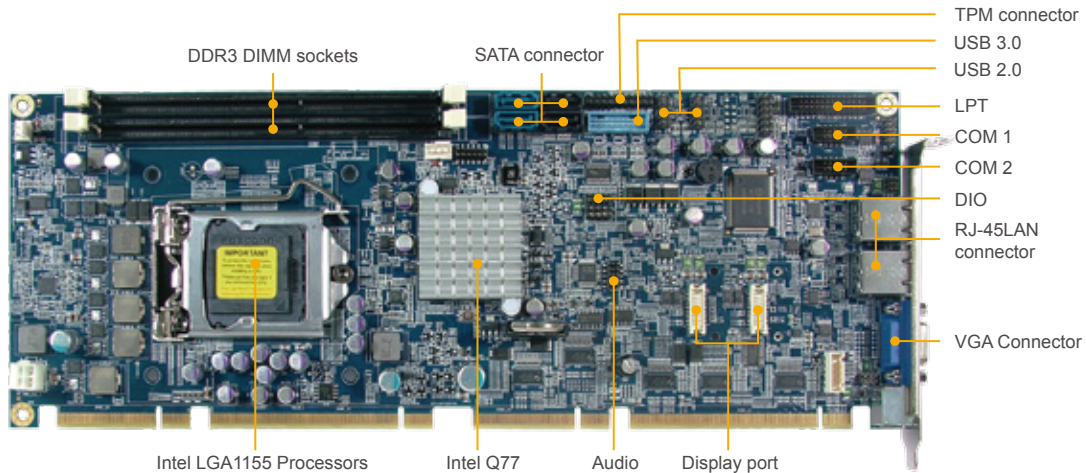
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PSB-893LF

PICMG1.3 Full Size CPU Card supports 3rd Gen. Intel® Core™ i7/i5/i3/Pentium® CPU with Intel® 7series chipset, VGA, Audio, 2LAN, 2COM



Specifications

System	
CPU Support	3rd Gen. Intel® Core™ i7/i5/i3/Pentium processors
CPU Frequency	3.1 ~ 3.4GHz
Chipset	Intel® Q77
DRAM	2 x 240-Pin DDR3 DIMM, support dual channel memory 1066/ 1333MHz up to 16GB
BIOS	AMI
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX Power
Power Requirement	+5V, +12V, +3.3V, +5Vsb
Dimension	338.5mm x 126mm (13.33" x 4.96")
Certificate	FCC / CE

I/O Chipset

SATA Interface	5 x S-ATA II (2 ports to backplane) 1 x S-ATA III
Expansion BUS	Mini PCIe
TPM	TPM1.2 with 20-pin header on board for TPM (Trusted Platform Module)
Serial Port	2 x COM port, COM 1 for RS232, COM 2 for RS232/422/485
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w/ KB) or Y-cable

LAN	LAN 1: Intel® 82579LM (GbE) LAN 2: Intel® 82583V (GbE) Support Wake-on-LAN with ATX power
Audio	HD Audio, Realtek ALC888S
USB	10 x USB 2.0/3.0 6 ports on board, 4 ports backplane

Display

Graphics	Build-in processor, share memory, Support: 1 x VGA 2 x display port
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*Discrete graphic card is necessary for display if the chosen CPU doesn't have integrated graphics support.

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%

*All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information.

Ordering Information

BF-0893RA-00P	PICMG 1.3 Full Size CPU Card with Intel® CPU(LGA1155)+ Q77 Chipset /VGA/Audio/ 2COM/ 2LAN(GbE)
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