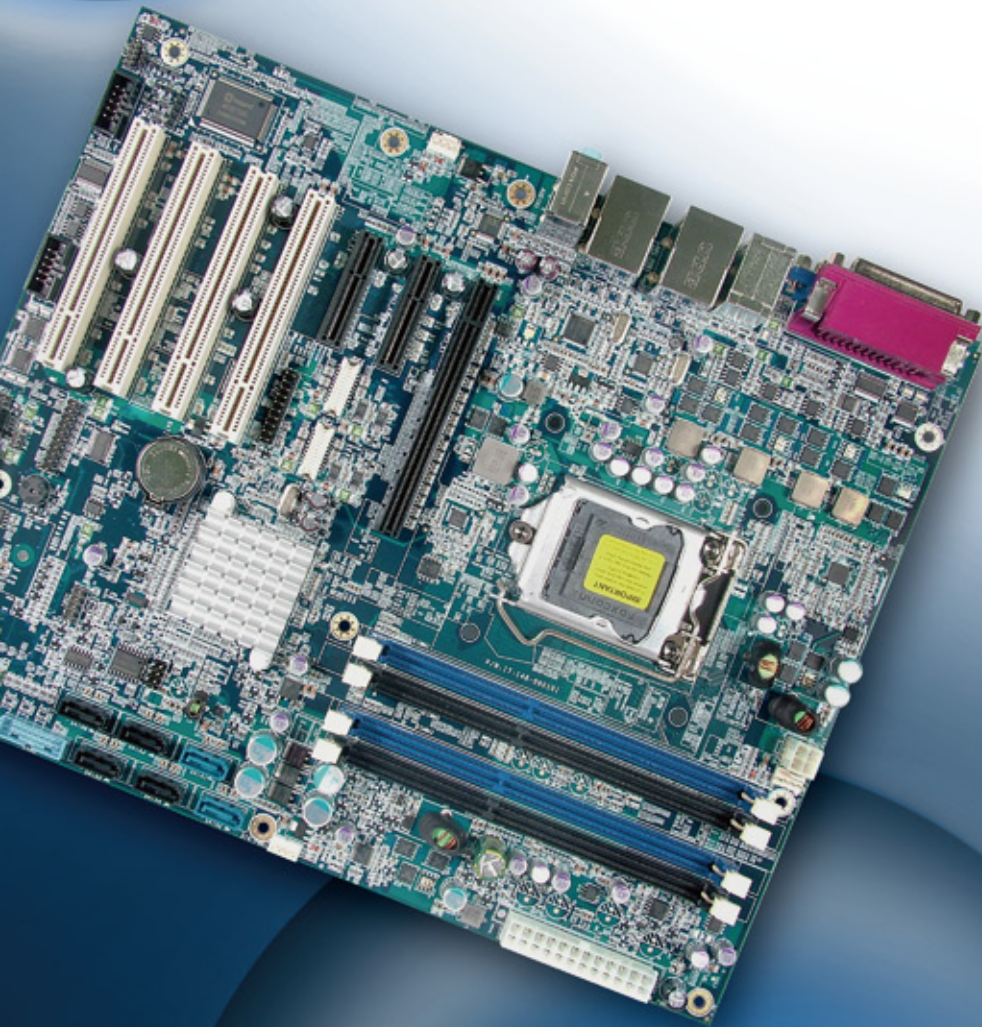


SBC



PMB-891LF

ATX MB with Intel® Core™ i7/i5/i3 and Pentium® CPU, VGA/DP, 4 COM, Dual LAN, DDR3

Features :

- LGA 1155 Intel® Core™ Ivy Bridge i7/i5/i3 Processor
- Equipped with Intel® Q77 chipset
- Memory supports DDR3 DIMM 1066/ 1333 up to 32GB
- Support Dual Gigabit Ethernet
- Supports SATA RAID 0, 1, 5, 10
- Expansion Slots for one PCI-E(16x), one PCI-E(4x), four PCI slot



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Protech Japan Co., Ltd.

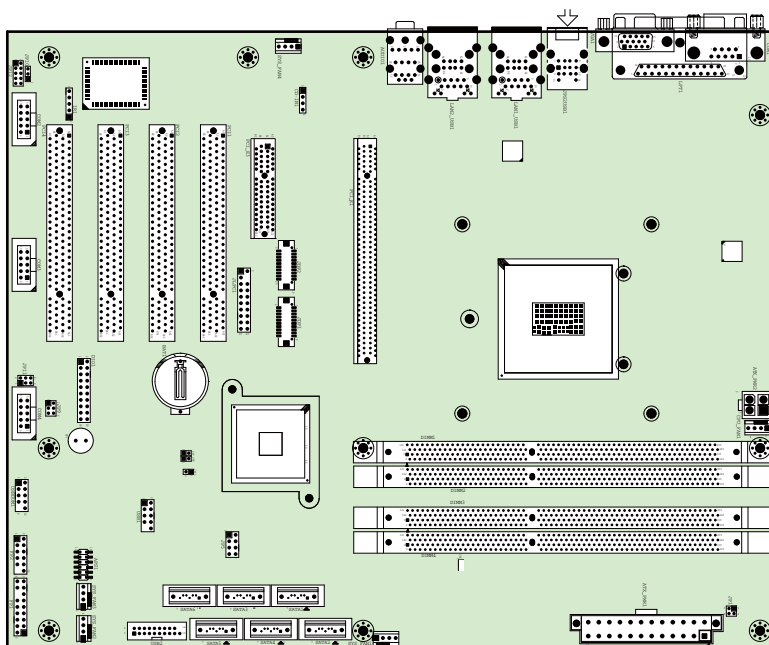
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PMB-891LF

ATX MB with Intel® Core™ i7/i5/i3 and Pentium® CPU, VGA/DP,
4 COM, Dual LAN, DDR3



Specifications

System	
CPU Support	Intel® Core™ i7/i5/i3 and Pentium® Processor
CPU Frequency	3.3~3.4GHz
Chipset	Intel® PCH Q77
DRAM	4 x 240-pin DDR3 DIMM, support dual -channel 1333/1066Hz SDRAM Non-ECC Unbuffered DIMM (system max. 32GB)
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX Power
Power Requirement	+5V, +12V, -12V,+3.3V, +5VSB
Dimension	305 mm x 244 mm (12" x 9.6")
Certificate	FCC / CE

I/O Chipset

SATA Interface	2 x SATA III (6.0Gb/s), 4 x SATA II (3.0Gb/s), (Raid 0,1,10,5)
Expansion BUS	1 x PCI-E(16x) , 2 x PCI-E(4x) , 4 x PCI slot
TPM	TPM1.2 with 20-pin header on board for TPM (Trusted Platform Module)
Serial Port	4 x COM port, COM 1/3/4 for RS-232, COM 2 for RS-232/422/485
Parallel Port	1 x parallel port (SPP/EPP/ECP)
IrDA	1 (SIR)

Keyboard	PS/2 Connector, with mini DIN connector
Mouse	PS/2 Connector, with mini DIN connector
LAN	LAN 1: Intel® 82579LM (10/100/1000 Mbps) LAN 2: Intel® 82583V (10/100/1000 Mbps) Support Wake-on-LAN with ATX power
Audio	High Definition Audio; Realtek ALC888S with Mic / Line-In / Line-Out
DI/O	8 in / 8 out
USB	10 x USB 2.0, 2 x USB 3.0

Display

Graphics	Build-in processor, share system memory Supports VGA, 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 5 ~ 90% (non-condensing)

*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

BA-0891	ATX MB with Intel® Ivy Bridge Core™ i7/i5/i3 and Pentium®(LGA1155) with Q77/VGA/ Audio/2LAN(1G) /4COM/Raid
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