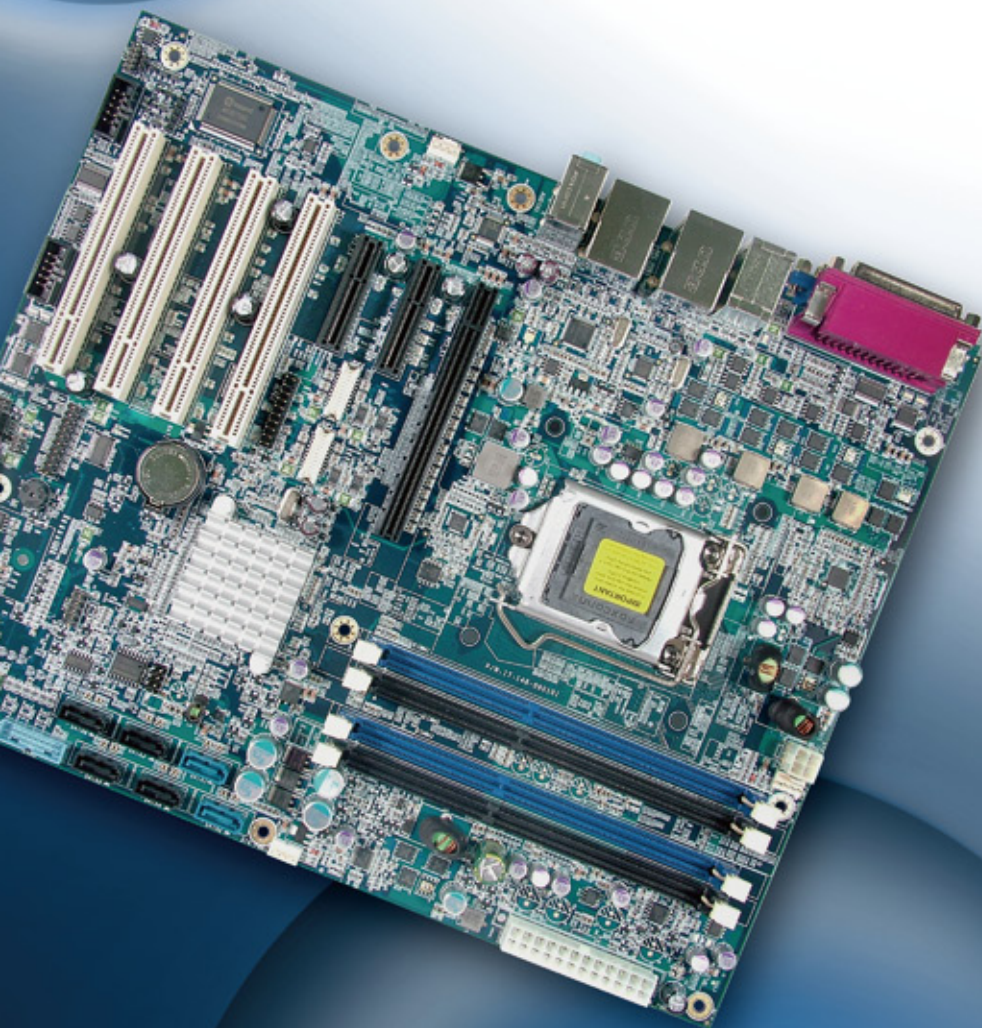


SBC



PMB-901LF

ATX MB with Intel® Xeon® E3 V2 and Core™ i3 with VGA/DP, 4 COM, Dual LAN, DDR3

Features :

- LGA 1155 Intel® Ivy Bridge Xeon® E3 V2 and 3rd Gen. Core™ i3 Processor
- Equipped with Intel® C216 chipset
- Memory supports DDR3 1066/ 1333 DIMM up to 32GB (ECC and non ECC)
- Support Dual Gb Ethernet
- Supports SATA RAID 0, 1, 5, 10
- Expansion Slots for one PCI-E(16x), two PCI-E(4x), four PCI slot



PROTECH SYSTEMS

It's the right choice

Protech Systems Co., Ltd.

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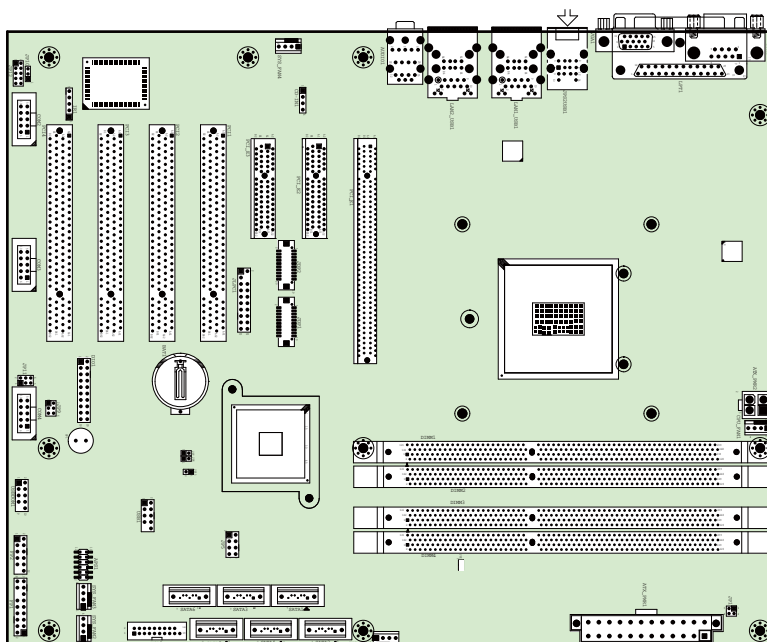


ISO CERTIFIED

9001 | 14001

PMB-901LF

ATX MB with Intel® Xeon® E3 V2 and Core™ i3 with VGA/DP,
4 COM, Dual LAN, DDR3



Specifications

System

| | |
|--------------------------|---|
| CPU Support | Intel® Xeon® E3 V2 and 3 rd Gen. Core™ i3 processor |
| CPU Frequency | 3.2~3.5GHz |
| Chipset | Intel® PCH C216 |
| DRAM | 4 x 240-pin DDR3 DIMM, support dual -channel 1333/1066Hz SDRAM ECC and 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 |
|-----------------|---|

*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-0901 | ATX MB with Intel® Ivy Bridge Xeon® E3 and Core™ i3 (LGA1155) with C216 / VGA / Audio / 2LAN(1G) / 4COM/ Raid |
|----------------|---|

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