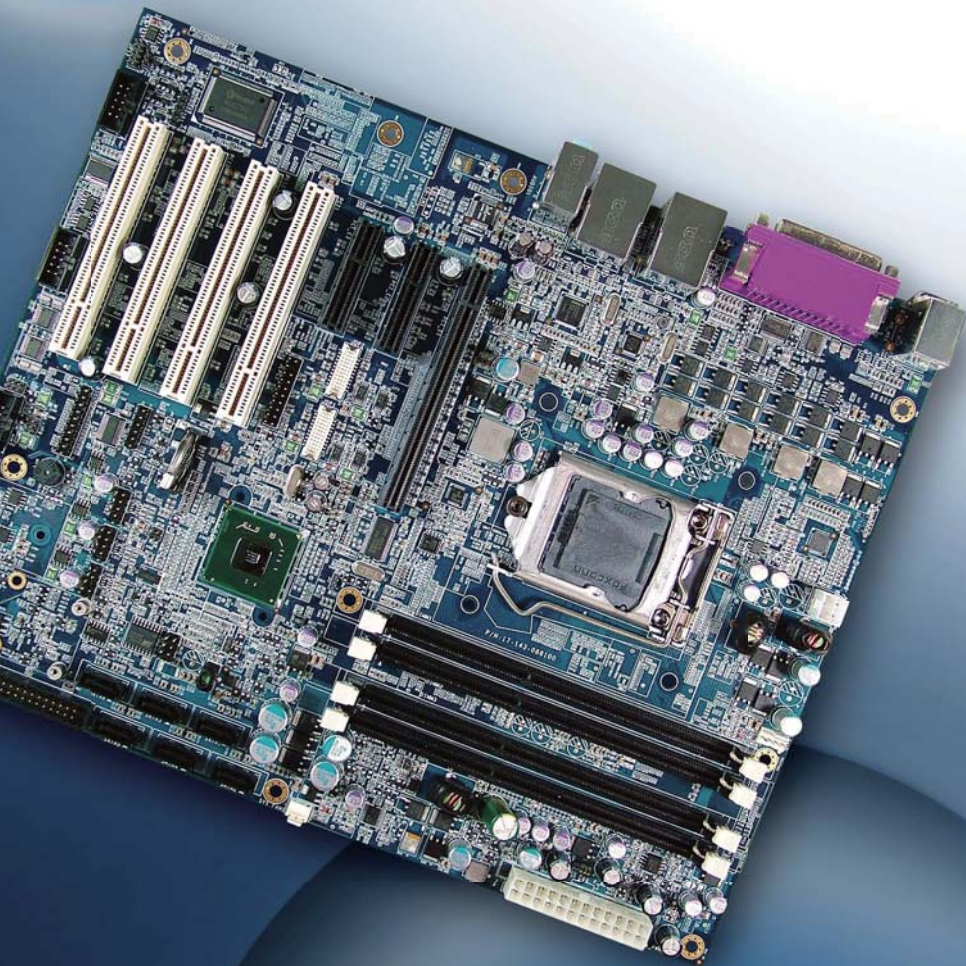


SBC



PMB-881LF

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

Features :

- Intel® LGA1155 Socket support SandyBridge Core™ i3/Xeon® E3 processor
- Four DIMM socket support up to 32 GB DDR3 1066/1333 (support ECC)
- Support Dual Gb Ethernet
- Supports SATA RAID 0, 1, 5, 10, iAMT7.0
- Expansion Slots for one PCI-E(16x), two PCI-E(4x), four PCI slot and one MiniPCI-E



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.

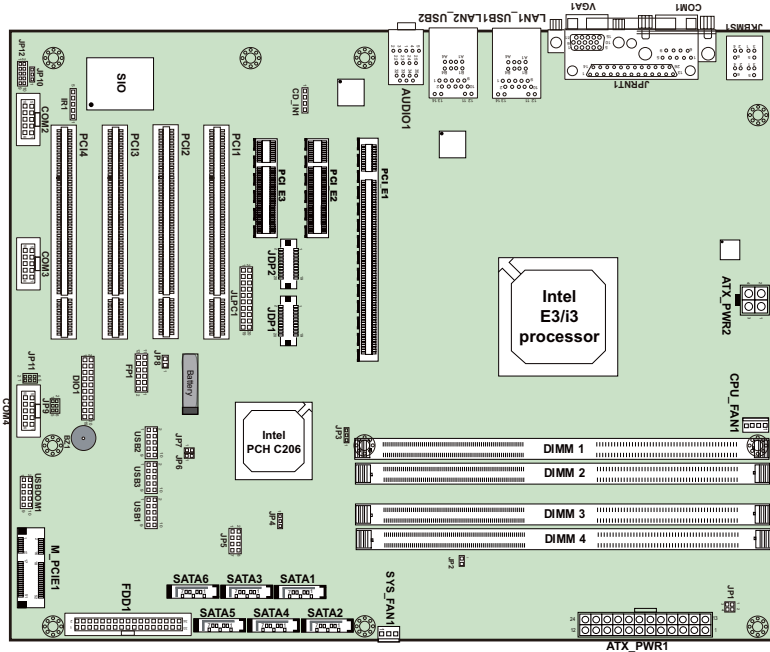
OSK Bldg, 6F, 6-25-14, Minami-ohi Shinagawa-ku, Tokyo, 140-0013
TEL: +81-3-5753-8411 FAX: +81-3-3763-9282
E-mail: sam@protech-j.com
<http://www.protech-j.com>



ISO CERTIFIED
9001 14001

PMB-881LF

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



Specifications

System	
CPU Support	Intel® SandyBridge Core™ i3/Xeon® processor (supports Intel® 32 nm sandybridge CPU)
CPU Frequency	3.1~3.4GHz
Chipset	Intel® PCH C206 + SPI
DRAM	4 x 240 Pins DDR3 DIMM, Max. 32GB, DDR3 1333/1066Hz ECC, Non-ECC Memory Dual Channel Memory Architecture
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support ATX Power
Power Requirement	+5V, +12V, -12V, +3.3V, +5VSB
Dimension	305mm x 244mm (12" x 9.6")

I/O Chipset

SATA Interface	2 x SATA III (6.0Gb/s), 4 x SATA II (3.0Gb/s), (Raid 0, 1, 10, 5)
FDD Interface	1 x FDD connector with 34-pin Boxheader on board
Expansion BUS	1 x PCI-E(16x), 2 x PCI-E(4x), 4 x PCI slot, 1 x MiniPCI-E
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	12 x USB 2.0

Display

Graphic	Built-in processor, share system memory Supports VGA, Display port
----------------	---

Environment

OperationTemp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 20~95%, Storage humidity 20~95%

Ordering Information

PMB-881LF	ATX MB with Intel® Core™ i3/Xeon E3(LGA1155) + C206 / VGA / Audio / 2LAN(1G) / 4COM / Raid
------------------	--

All of trademarks and brand names are the property of their owners. Trademark "Protech" is the property of Protech Systems Co., Ltd. All information contained in this document is subject to change without any prior notice. This catalog is copyrighted in May 2011.