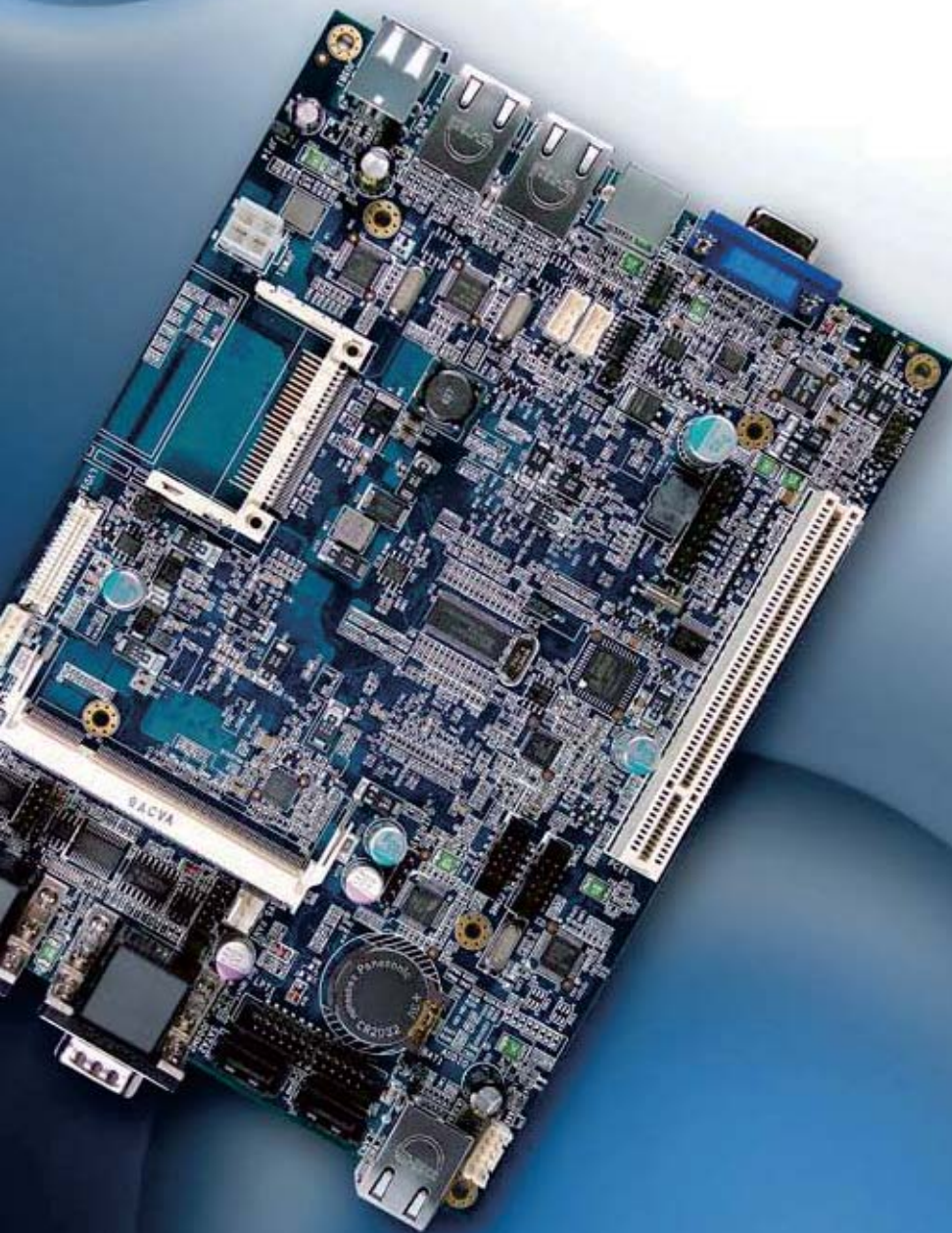


SBC



LB-586LF

Intel® Atom CPU Embedded board

Features :

- Intel® Atom N270 (1.6GHz) CPU on board
- Intel® 945GSE + ICH7M+ FWH (FSB : 533MHz)
- 1 x 200-Pin DDR2 SO-DIMM, support DDR2 400/533 up to 2GB
- Fanless Solution



Protech Systems Co., Ltd.

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

Protech Japan Co., Ltd.

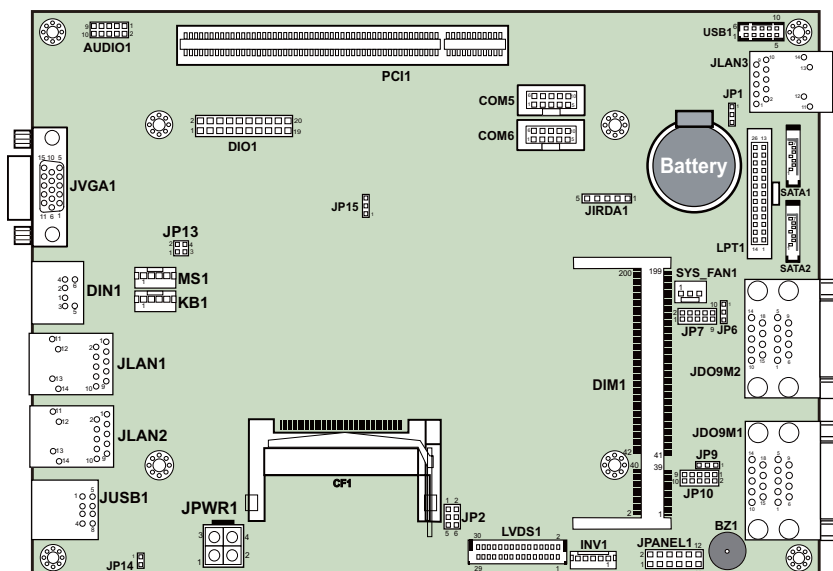
OSK Bldg, 6F, 6-25-14, Minami-ohi Shinagawa-ku, Tokyo, 140-0013
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E-mail: sam@protech-j.com
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ISO CERTIFIED

9001 14001

LB-586LF *Intel® Atom™ CPU Embedded board*



Specifications

System

CPU Support	Intel® Atom™ N270 (1.6GHz) CPU on board
CPU Frequency	1.6GHz
Chipset	Intel® 945GSE + ICH7M (FSB: 533MHz)
DRAM	1 x 200-Pin DDR2 SO-DIMM, support DDR2 400/533 up to 2GB
BIOS	Phoenix-Award PnP BIOS Memory size 8 Mbit
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Single power voltage (DC in)
Power Requirement	+12V
Dimension	203mm x 146mm (7.99" x 5.75")
Certificate	CE / FCC

I/O Chipset

SATA Interface	2 x S-ATA II connector
SSD	1 x compact flash slot
Expansion BUS	1 x PCI slot
Serial Port	6 ports, (2 pin header / 2 x 2 COM port) COM 1/2/5/6 for RS-232, COM 3/4 for RS-232/422/485
Parallel Port	1 port (Box head)
IrDA	1 x IrDA Port; Supports v1.0 SIR protocol
Keyboard/Mouse	2 x box header (1 x 4 Pin) 1 x P/S2 mini DIN
Audio	High Definition Audio : Realtek ALC888

LAN

3 Ports, RJ45 on board
LAN 1, RTL8111DL, GbE;
LAN 2/3, Realtek RTL8103EL, 10/100 Ethernet
supports Wake-on-LAN on LAN 1 (ALL on board
with connect)

USB

4 x USB 2.0

Display

Graphic

Build-in 945GSE on board
Supports CRT

LCD Interface

LVDS (2CH x18-bits), support UXGA (1600 x 1200)

Environment

OperationTemp. 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

LB-586LF	5.25" board w/ Intel® Atom™ CPU/ VGA/ LVDS/ Audio/ 3 x LAN(1 x GbE, 2 x 10/100Mbps)/ 6COM
LB-586LF-E2G	5.25" board w/ Intel® Atom™ CPU/ VGA/ LVDS/ Audio/ 2 x LAN(1 x GbE, 1 x 10/100Mbps)/ 4COM