

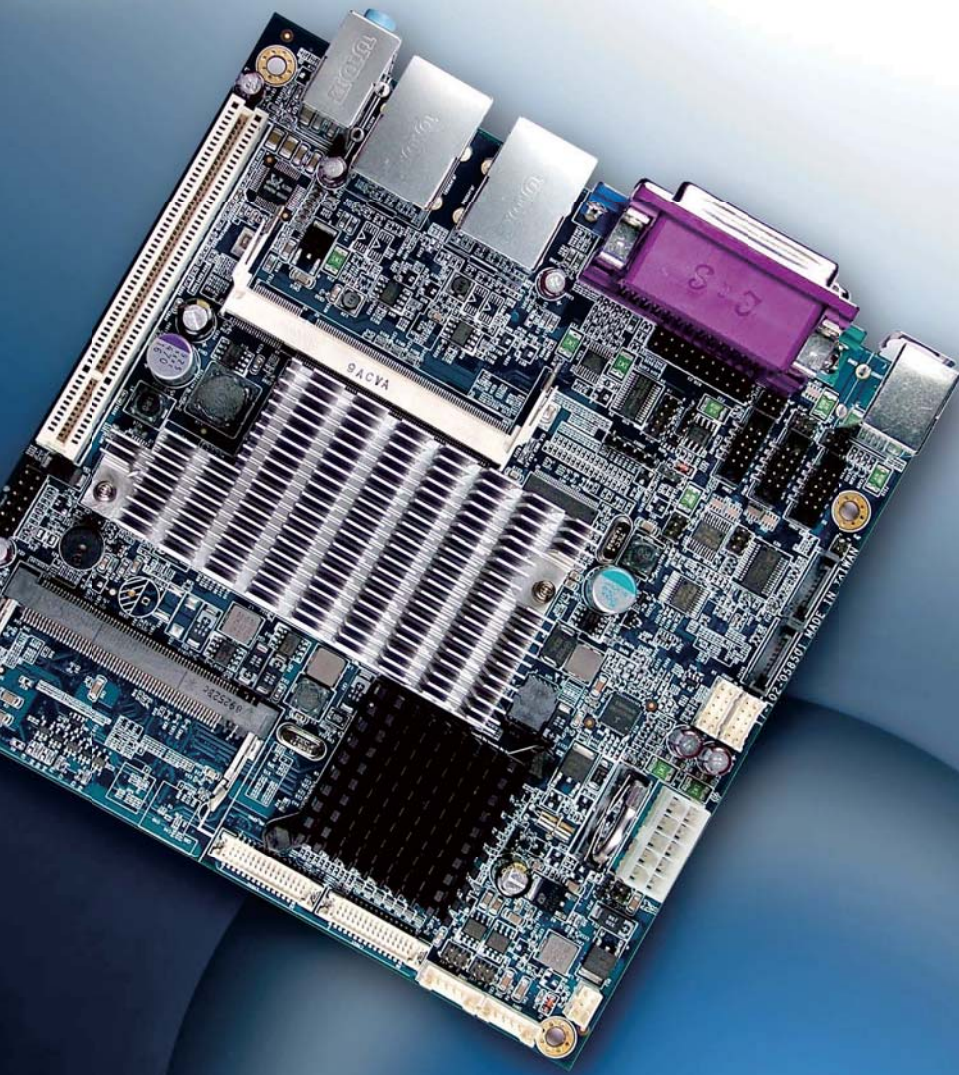
SBC

PMB-585LF

**Intel® Atom™ Mini ITX MB
w/VGA/LVDS/Audio/LAN**

Features and Benefits:

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



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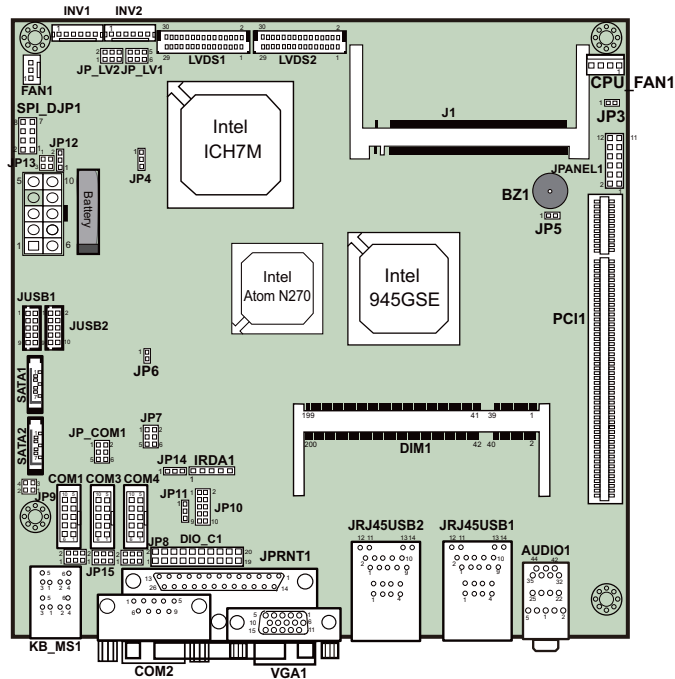
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ISO CERTIFIED
9001 14001

PMB-585LF

Intel® Atom™ Mini ITX MB w/VGA/LVDS/Audio/LAN



Specifications

System

CPU Support	Intel® Atom™ N270 (1.6GHz) CPU on board
CPU Frequency	1.6GHz
Chipset	Intel® 945GSE + ICH7M + FWH (FSB : 533MHz)
DRAM	1 x 200-Pin DDR2 SO-DIMM, supports DDR2 400/533 up to 2GB
BIOS	Phoenix-Award PnP BIOS, with VGA BIOS
Watchdog	1~255 secs Watchdog timer selectable w / Reset / NMI
Power Supply	Supports ATX
Power Requirement	+5V, +12V
Dimension	170mm x 170 mm (6.69" x 6.69")
Certificate	FCC / CE

I/O Chipset

SATA Interface	2 x S-ATA II connector
SSD	1 x compact flash slot (IDE)
Expansion BUS	1 x PCI, 1 x Mini PCI
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)
Keyboard	Mini DIN Connector
Mouse	Mini DIN Connector
LAN	Dual Ports Lan 1: Realtek 8111DL GbE Lan 2: Realtek 8111DL GbE

Audio	High Definition Audio; Realtek ALC888 with Mic / Line-In / Line-Out
D/I/O	8in / 8out
USB	8 x USB 2.0

Display

Graphic	Build-in Intel® 945GSE 1 x VGA D-sub 15 pin-header 2 x LVDS connector
LCD Interface	LVDS1 : support 18-bit LVDS2 : support 24-bit

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%

Ordering Information

PMB-585LF	Intel® Atom™ Mini ITX MB w/ VGA/ 2LVDS/ Audio/ 2LAN/ 4COM
PMB-585LF-16203	Intel® Atom™ Mini ITX MB w/ VGA/ LVDS/ Audio/ LAN/ 2COM, w/o DIO

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