

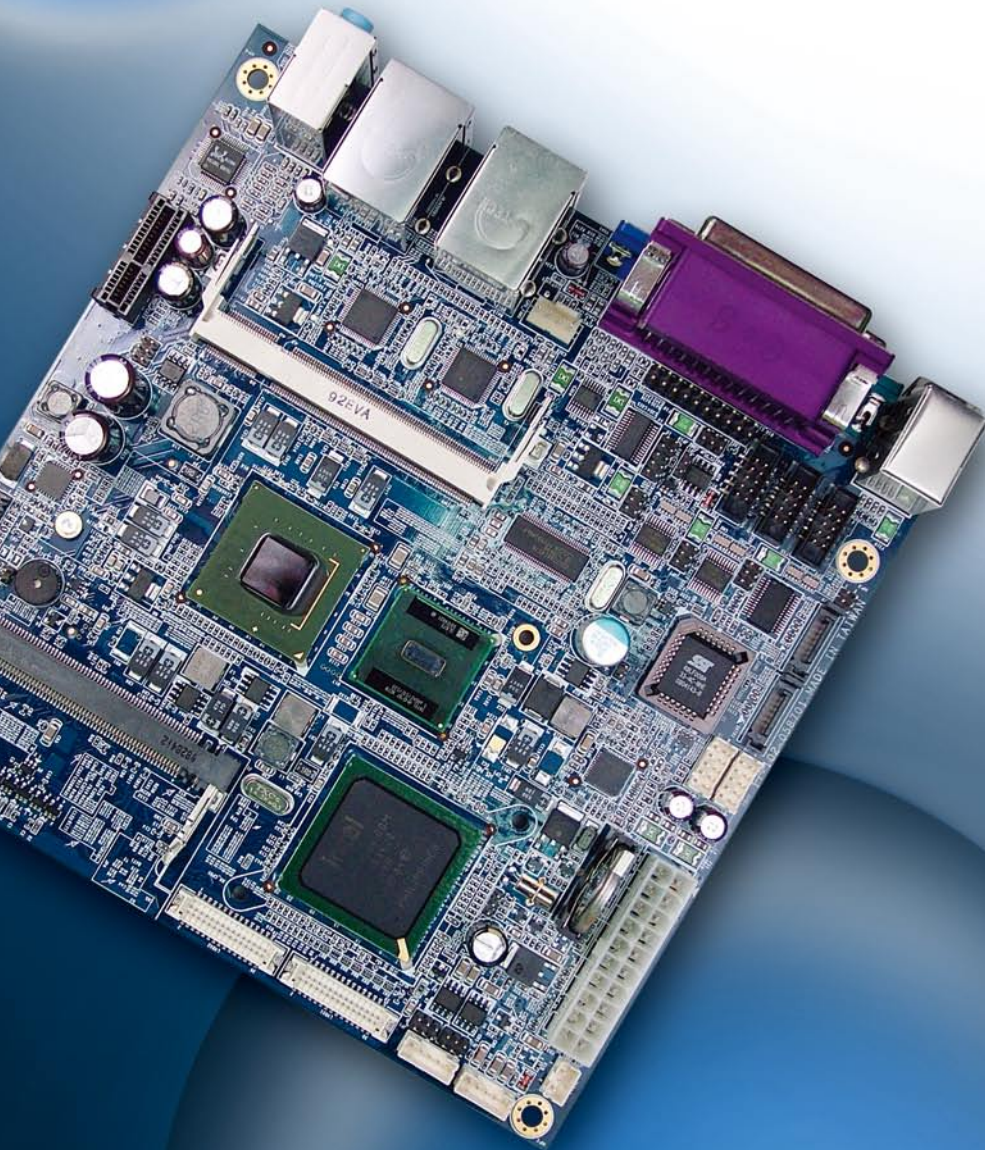
# SBC

## PMB-587LF

Intel® Atom ITX MB  
W/VGA/LVDS/Audio/LAN

### Features :

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



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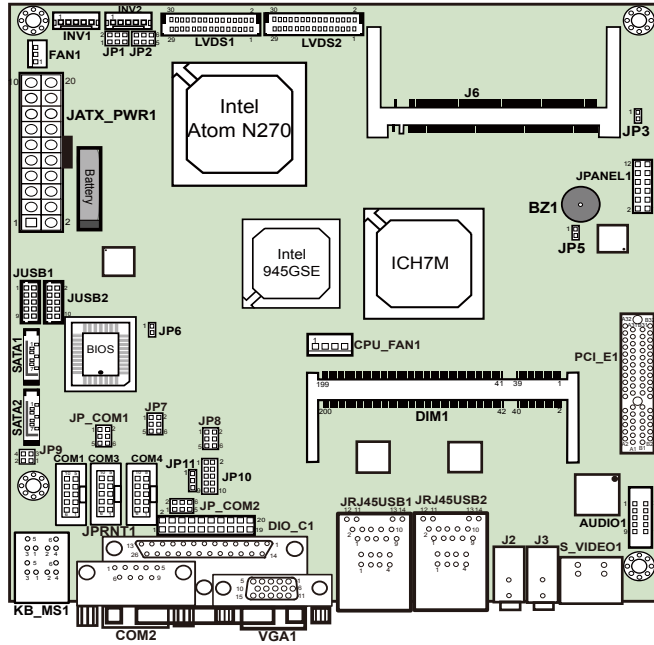


ISO CERTIFIED

9001 | 14001

# PMB-587LF

Intel® Atom ITX MB W/VGA/LVDS/Audio/LAN



## Specifications

<b>System</b>	
<b>CPU Type</b>	Intel® Atom N270 (1.6GHz) CPU on board
<b>CPU Frequency</b>	1.6GHz
<b>Chipset</b>	Intel® 945GSE + ICH7M
<b>DRAM</b>	1 x 200-Pin DDR SO-DIMM, supports DDR2 400/533 up to 2GB
<b>BIOS</b>	Phoenix-Award PnP BIOS, with VGA BIOS
<b>Watchdog</b>	1~255 secs Watchdog timer selectable w / Reset / NMI
<b>Power Supply</b>	Supports ATX / AT Power Standard ATX connector 20 pin
<b>Power Requirement</b>	+5V, +12V
<b>Dimension</b>	170mm x 170 mm (6.69"X 6.69")

<b>I/O Chipset</b>	
<b>SATA Interface</b>	2 x SATA connector
<b>CF</b>	1 x CF
<b>Expansion BUS</b>	Ver A: 1 x PCI-E by1, 1 x MiniPCI (1 x MiniPCI-E)
<b>Serial Port</b>	4 ports, COM 1/3/4 for RS-232, COM 2 for RS-232/422/485
<b>Parallel Port</b>	1 x parallel pin(DB-25pin) connector on top
<b>Keyboard</b>	1 x PS/2 connector for keyboard
<b>Mouse</b>	1 x PS/2 connector for mouse
<b>USB</b>	8 ports, supports USB 2.0 4 x USB 2.0 connector on board 2 x box header(2x5pin) connector connector for 4 USB 2.0

<b>LAN</b>	Dual Ports 2 x Lan : Marvell lanchip 10/100/1000 BaseT Ethernet supports Wake-on-LAN
<b>D/I/O</b>	8in / 8out (API) 1 x box header connector (2 x 10pin)

<b>Display</b>	
<b>Graphic</b>	Build-in 945GSE 1 x VGA D-sub 15 pin-header, 2 x LVDS connector, 1 x TV-out (PIN header)
<b>LCD Interface</b>	LVDS1 : Only support 18 bit LDVS2 : Only support 24 bit

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

<b>Ordering Information</b>	
<b>PMB-587LF</b>	Mini ITX Atom platform N270 w VGA / LVDS / Audio / 2 x LAN (10/100/1000Mbs)

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