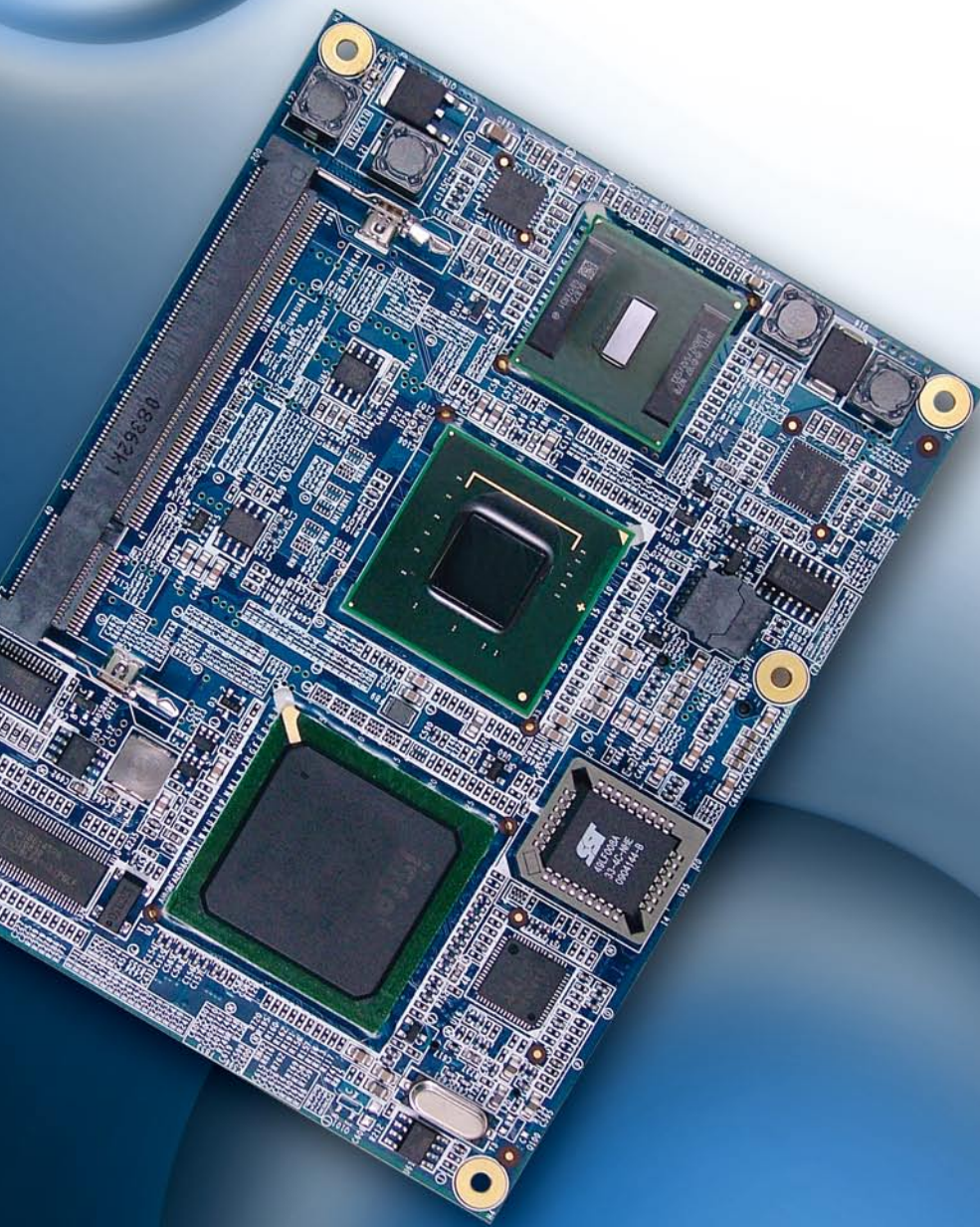


SBC



COM-587LF

COM express Atom CPU
Module / FANLESS

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



PROTECH SYSTEMS

It's the right choice

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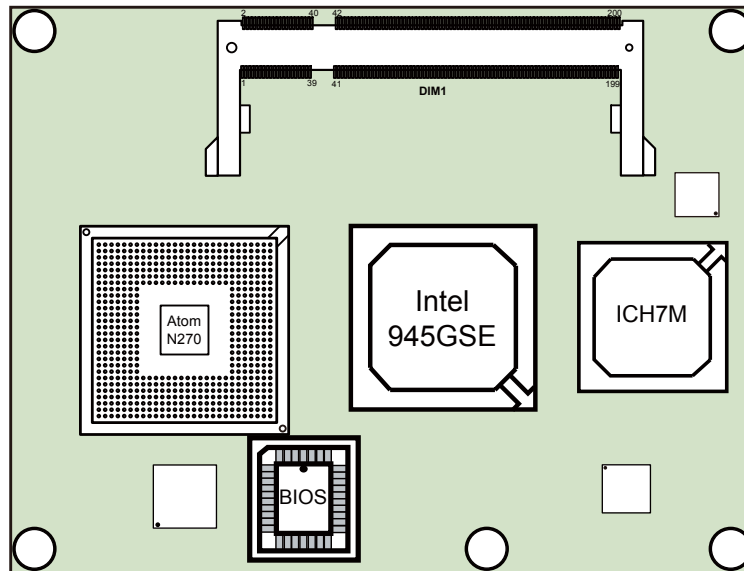


ISO CERTIFIED

9001 | 14001

COM-587LF

COM express Atom CPU Module / FANLESS



Specifications

System	
CPU Type	Intel® Atom N270 (1.6GHz) CPU on board
CPU Frequency	1.6GHz
Chipset	Intel® 945GSE + ICH7M+ FWH
DRAM	1 x 200-Pin DDR SO-DIMM, supports DDR2 400 / 533 up to 2GB
BIOS	Phoenix-Award PnP BIOS Memory size 4/8 Mbytes
Power Supply	Support ATX model
Power Requirement	12v AND 5vsb
Dimension	95mm x 125mm (3.74"X 4.92")

I/O Chipset

IDE Interface	Single IDE channel with UDMA100
SATA Interface	2 ports
Expansion BUS	3 x PCI express 32-bit PCI 2.3 at 33MHz, supporting 4 bus masters LPC SMBus, I2C
USB	8 x USB 2.0
LAN	Single Ports Lan 1 : Realtek 8111C 1000BaseT Ethernet

Display

Graphic	Build-in 945GSE Supports CRT, SDVO Supports ADD2 card on Carrier board
LCD Interface	LVDS (2CH x18-bits) supports UXGA (1600 x 1200)

Environment

OperationTemp.	0°~60°C (32°~140°F) (Fanless solution)
Storage Temp.	-40°~80°C (-40°~176°F)
Humidity	Operation humidity 20~95%, Storage humidity 20~95%

Ordering Information

COM-587LF	Intel® Atom platform N270 w VGA / LVDS / Audio / LAN (10/100/1000Mbs)
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