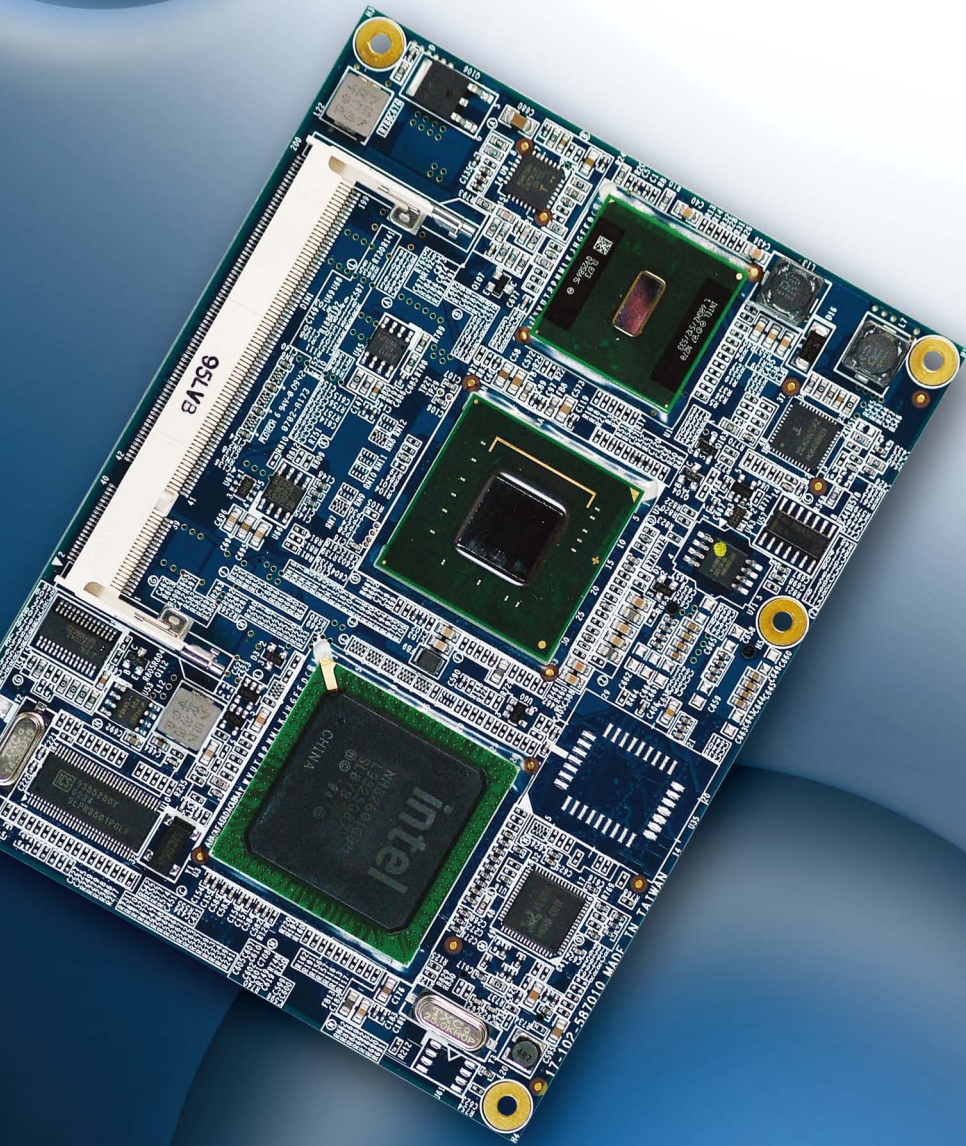


# SBC



## COM-587LF

### COM Express Intel® Atom™ N270 CPU Module / Fanless

#### Features :

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



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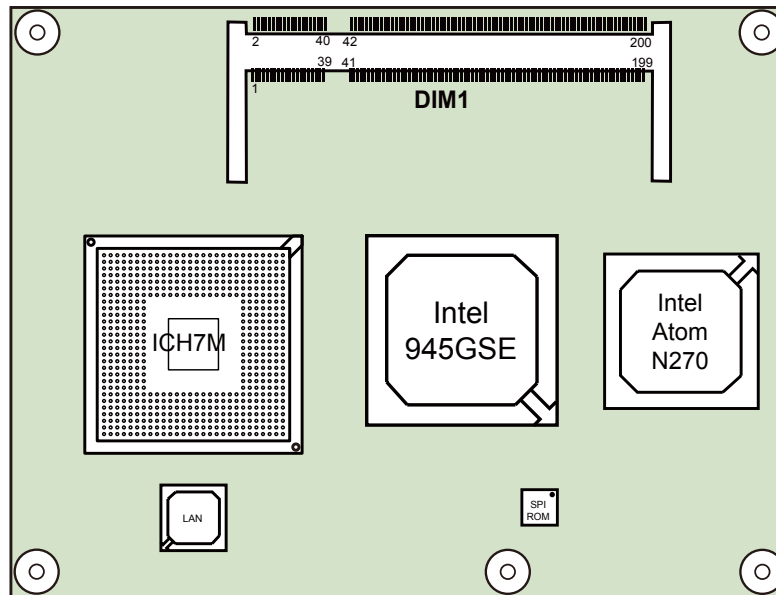
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# COM-587LF

COM Express Intel® Atom™ N270 CPU Module / Fanless



## Specifications

System	
<b>CPU Type</b>	Intel® Atom™ N270 (1.6GHz) CPU on board
<b>CPU Frequency</b>	1.6GHz
<b>Chipset</b>	Intel® 945GSE + ICH7M+ SPI (FSB:533 MHz)
<b>DRAM</b>	1 x 200-Pin DDR2 SO-DIMM, support DDR2 400 / 533 up to 2GB
<b>BIOS</b>	Phoenix-Award PnP BIOS Memory size 8 Mbit
<b>Power Supply</b>	Support ATX Power
<b>Power Requirement</b>	+12V, +5V
<b>Dimension</b>	95mm x 125mm (3.74"X 4.92")
<b>Certificate</b>	CE, FCC

## I/O Chipset

<b>Pin out</b>	PICMG COM.0 TypeII
<b>SATA Interface</b>	2 x S-ATA II
<b>IDE Interface</b>	Single IDE channel with UDMA100
<b>Expansion BUS</b>	3 x PCI-E (1X) 4 x PCI Bus
<b>LAN</b>	Single Ports, Realtek 8111D GbE
<b>USB</b>	8 x USB 2.0

## Display

<b>Graphic</b>	Build-in 945GSE Supports CRT, SDVO Supports ADD2 card
<b>LCD Interface</b>	LVDS (18/36 bit) support UXGA (1600 x 1200)

## Environment

<b>Operation Temp.</b>	0°~60°C (32°~140°F) (Fanless solution)
<b>Storage Temp.</b>	-40°~85°C (-40°~185°F)
<b>Humidity</b>	Operation humidity 20~90%, Storage humidity 20~95%

## Ordering Information

<b>COM-587LF</b>	COM Express basic CPU module w/Intel® Atom™ N270 CPU / VGA / LVDS / LAN (GbE)
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