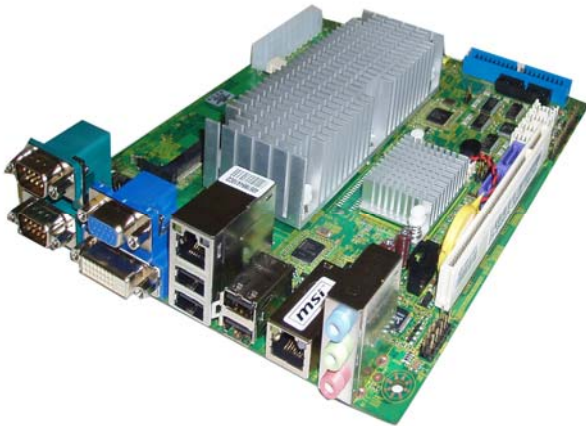




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# MSI IM-945GSE-A Fanless Mini-ITX Board

Onboard Intel ATOM CPU N270



## Features

- Intel N 270 CPU
- Intel GSE945 and ICH7M Chipset
- Graphic Intel GMA950
- VGA, DVI-D
- 1 SO-DIMM up to 2 GB 533/400
- Dual GB LAN
- 5x RS232/422 , 6x USB
- PCI Slot , PCIe
- IDE, SATA
- 2 Channel HD Audio
- Fanless Operation
- ATX Voltage

## Specification

### CPU

Intel N 270 1.6 GHz

### Core Logic

Intel 945 GSE

**Chipset** ICH7M

**BIOS** Award Bios

**Front Side Bus** 400/533 MHz

### Memory

Max. 2GB Dual Channel DDR2 400/533 SO-DIMM

### Graphics

Intel GMA 950

**LAN** 2 x INTEL GB LAN

**OnBoard SATA** 2.0 x 2

**IDE** 1 x IDE

### Multi I/O

2 x RS-232/422 on Rear Panel

4 x RS/232 by Pin Header

### Keyboard, Mouse

Over USB

**USB** 6 x USB ports

### Audio on Rear Panel

5.1 Channel HD Audio

### Expansion

1 x PCI-Slot , 1 x PCIe

### Environmental

Operating Temperature : 0 ... 60 ° C

Storage : -20 ... 85 ° C

Rel. Humidity : 10% .. 90 % (non-Condensing)

### Power

ATX Voltage , 20 W

### Approval

CE, FCC

### Formfactor

Mini-ITX

### Dimensions

170x170 mm



Backpanel



Pass. Mini-IPC Gehäuse