



Features

- Intel® Atom™ N270 1.6GHz with 512K Cache CPU
- Intel® 945GSE / ICH7-M Chipset
- One 200-pin DDR2 SODIMM supports up to 2GB DDR2 533 SDRAM
- Dual Gigabit Ethernet, 5.1-CH Audio
- 1 CF, 2 SATA, 6 COM, 6 USB, Express card / 34mm
- Service Windows, easy to install HDD & Memory
- Fanless Operation
- 15~60°C Wide temperature operation
- 9~32V Wide Range DC Power Input
- Rugged Design for Vibration / Shock Protection
- Options: 16bit Digital I/O, Phoenix Type Power Conn, Wall Mount Bracket

Atom™	Intel® 945GSE	2 GbE	5.1-CH Audio	CF
2 SATA	6 COM	6 USB	Express Card	Fanless

Specifications

System

• CPU	Intel® Atom™ N270 1.6GHz with 512K Cache CPU
• BIOS	Award 8MB Flash BIOS
• System Chipset	Intel® 945GSE / ICH7-M Chipset
• System Memory	One 200-pin DDR2 SODIMM supports up to 2GB DDR2 533 SDRAM
• SSD	One CompactFlash Type I/II socket with ejector and CompactFlash Cover
• Watchdog Timer	Reset: 1 sec.~255 min. and 1 sec. or 1 min./step
• Display	Intel® 945GSE Integrated
• Audio	Realtek ALC655D supports 5.1 CH Audio
• Ethernet	Dual Realtek 8111C 10/100/1000 Base-Tx Fast Ethernet compatible
• System Indicators	2 LED indicators show the power and HDD
• Drive Bay	Mounting kit for one 2.5" HDD (hidden)
• Expansion Interface	1 Express Card / 34mm Slot

External I/O

• Serial Port	6 x RS-232 (COM2 Can be Set as RS-422/485 by BIOS)
• LAN Port	2 x RJ-45
• VGA/LCD Port	1 x DB-15
• Audio Port	Line in, Line out
• USB Port	6 x USB 2.0 (Rear 4; Front 2)

Power Supply Unit

• Power Input	100~240 Vac / 50~60 Hz
• Power Output	12 Vdc / 5 A (Screw Type; 60W)

Environment & Mechanical

• Power Requirement	+9 ~ 32V
• Operating Temperature	-15 ~ 60°C (5~140°F)
• Storage Temperature	-40 ~ 75°C (-40~167°F)
• Relative Humidity	5 to 90% @ 40°C (104°F), relative humidity, non-condensing
• Vibration Protection	With Compact Flash: 5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis With HDD: 1 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
• Shock Protection	With Compact Flash: 50 G, IEC 60068-2-27, half sine, 11 ms With HDD: 20 G, IEC 60068-2-27, half sine, 11 ms
• Dimension (W x D x H)	220mm x 160mm x 80mm
• Weight	4.4 lbs (2 KGs)

Ordering Information

- **EPS-AT270**
Intel® Atom™ N270 1.6GHz Rugged Micro PC with Heatsink, VGA, 6 COM, 6 USB, 2 Gigabit Ethernet, CF, Audio, Express Card, 9~32V DC Input, Wide Operating Temp.

1
Embedded System

2
LPC Series

3
PPC Series

4
FPC Series

5
VTP Series

6
MTP Series

7
ETX/COM Express

8
3.5" SBC

9
EPIC

10
Half-size

11
5.25" SBC

12
PC/104

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Peripherals

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