



EPS-AT270-2PCI

Fanless Intel® Atom™ N270 Rugged Embedded System with Intel® 945GSE + ICH7-M Chipset and 2 PCI



Features

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

Atom™	Intel® 945GSE	2 GbE	5.1-CH Audio	1 SATA
6 COM	6 USB	Express Card	2 PCI	Fanless

Specifications

System

• CPU	Intel® Atom™ N270 1.6GHz with 512K Cache CPU
• BIOS	Award 8Mbit Flash BIOS
• System Chipset	Intel® 945GSE/ ICH7-M Chipset
• System Memory	One 200-pin DDR2 SODIMM Socket Supports up to 2GB DDR2 533 SDRAM
• SSD	One CompactFlash Type I/II Socket with Ejector and CompactFlash Cover
• Watchdog Timer	Reset: 1sec. ~ 255min. and 1sec. or 1min./step
• Display	Intel® 945GSE Integrated
• Audio	Realtek ALC655 Supports 5.1-CH Audio
• Ethernet	Dual Realtek RTL8111C Gigabit Ethernet
• System Indicators	2 LED Indicators Show Power and HDD Status
• Drive Bay	Mounting Kit for One 2.5" HDD (Hidden)
• Expansion Interface	1 x Express Card Slot/ 34mm Slot; 2 x PCI Slots Support Up 32-bit/33MHz PCI card (Max. 10W Power Consumption/ PCI Length Support Max. 165mm)

External I/O

• COM	6 x RS-232, Optional 5 x RS-232, 1 x RS-422/ 485
• LAN	2 x RJ-45
• VGA	1 x DB-15
• Audio	Line-in, Line-out
• USB	6 x USB 2.0 (Rear 4; Front 2)

Power Supply Unit

• Power Input	100 ~ 240 Vac / 50 ~ 60Hz
• Power Output	12Vdc/ 5A (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 ~ 90% @ 40°C (104°F), Relative Humidity, Non-condensing
• Vibration Protection	With Compact Flash: 5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis With HDD: 1Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
• Shock Protection	With Compact Flash: 50G, IEC 60068-2-27, Half Sine, 11ms With HDD: 20G, IEC 60068-2-27, Half Sine, 11ms
• Dimension (W x D x H)	220mm x 215mm x 126mm
• Weight	7.8lbs (3.5Kgs)

Ordering Information

- **EPS-AT270-2PCI**
Fanless Intel® Atom™ N270 Rugged Embedded System with Intel® 945GSE + ICH7-M Chipset and 2 PCI, Heatsink, VGA, 6 COM, 6 USB, 2 Gigabit Ethernet, CF, Audio, Express Card, 2 PCI, 9-32V DC Input, Wide Operating Temp.
- **ACC-EPS-WM**
EPS Series Wall Mount Kit (RoHS)
- **ACC-CF-xx**
CompactFlash Card Series (xx = Capacity, Capacity Option: 2, 4, 8, 16, 32GB)