

Fanless Embedded PC System

Intel ATOM Processor with 1,6 GHz



Features

Processor

- Intel Atom N270 with 1.6 GHz
- 512 kB cache
- 533 MHz FSB

System

- Compact industrial computing system
- 1 GB SO-DIMM DDR2 with 667 MHz
- Intel 945GME chipset
- Fan less cooling
- Power supply range: 14 ~ 32 V DC with connector for external power button
- Real time clock with battery backup
- System is available with 0 or 2 PCI slots

Connectors / Ports

- 2 x 10/100 Mbit/s Ethernet, RJ45 connectors
- 2 x USB (V 2.0), host connection
- 1 x RS232 serial port,
- 2 x isolated CAN/CANopen port (SJA1000 CAN controller) with status LEDs
- VGA connector for resolutions up to 1280 x 1024
- 1 x PS/2 connector for keyboard/mouse
- Reset button, Power button
- Type I/II Compact Flash socket (using True IDE mode), front accessible
- Two status LEDs for CompactFlash and internal hard disk/CompactFlash
- One proprietary slot for special purpose I/O modules
- Lockable power connector

Physical

- Ambient operating temperature range from 0 °C ... 50 °C
- Dimensions excl. wall mounting pads (w x h x d):
0 PCI slot version: 96 x 160 x 230 mm
2 PCI slot version: 147 x 160 x 230 mm

Options

- CoDeSys IEC61131-3 runtime environment
- AddOn-Modules for
AudioLine In/Out (with/without 2W amplifier)
AudioLine In/Out and NVRAM
Digital I/O (4 x In / 4 x Out or 8 x In)
USB V 2.0 (2 x)
- Mounting kit for 2.5" IDE hard disks
- One internal CompactFlash socket
- Up to 2 GB SO-DIMM DDR2

Supported Operating Systems

Windows XP, XPembedded, Windows 7, Windows CE 5.0/6.0, Linux

Other operating systems on request...

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Ordering Information

emPC-MN270/0 **SY-EPC-87000**

- emPC-MN270 without PCI slots,
1 GB DDR2 SO-DIMM

emPC-MN270/2 **SY-EPC-87200**

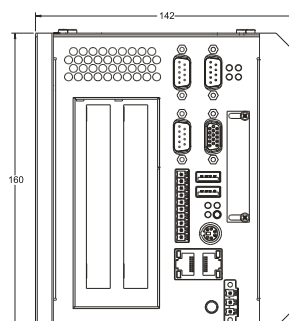
- emPC-MN270 with 2 PCI slots,
1 GB DDR2 SO-DIMM

More Ordering Information emPC-MN270

AddOn Modules (different modules under development)
HDD Mounting Kits, Hard Disks
CompactFlashes, Memory Upgrades
Operating System Images

All the options have to be ordered separately.

Please contact the Janz Tec offices for detailed information!



2 PCI slot version:

Dimensions (w x h x d):
147 x 160 x 230 mm

Contact Information

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