

Embedded PC System with Intel i5 Technology



Features

Processor

- Intel Core i5-520M with 2.4 GHz
- 3 MB Cache
- 1066 MHz FSB, 32nm process

System

- Compact industrial computing system
- 2 GB SO-DIMM DDR3 with 1066 MHz
- Intel 5 Series Chipset: Intel HM55
- Active cooling fan inside
- 128 kB NVRAM (no battery needed)
- Fan and temperature monitoring
- Power button at front panel, remote control possible
- Real time clock with battery backup
- System is available with 0 or 2 slots (PCI or PCIe x1)
- PCIe express mini card socket
- Proprietary slot for special purpose I/O module
- Internal SATA disk interface

Connectors / Ports

- 2 x 10/100/1000 Mbit/s Ethernet, RJ45 connectors
#1 Intel 82577LM Ethernet controller
#2 Realtek RTL 8111
- 4 x USB (V 2.0), host connection
- 1 (or 2) x RS232 serial port
- 2 (or 1) x isolated CAN/CANopen port
- DVI-I connector for resolutions up to 1920 x 1200
- Reset button
- CFAST socket: S-ATA based storage medium, front accessible
- Lockable power connector

Power Supply

- Input 14...32 V DC
- Power consumption TBD

Physical

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

Options

- CoDeSys IEC61131-3 runtime environment
- Up to 8 GB SO-DIMM DDR2 with 1066 MHz
- Passive cooling is possible, if an external active cooling system is being used

Supported Operating Systems

WES 7, Windows XP, XPembedded, Windows CE 6.0, Linux, QNX

Other operating systems on request...

Please notice:

Some details in this preliminary data sheet maybe subject to later technical changes. Not all technical details are fixed at this time. Ask your sales contacts for further information!

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Ordering Information

emPC-CX5/0 **SY-EPC-15000**

- emPC-CX5 without PCI slots,
2 GB DDR3 SO-DIMM

emPC-CX5/2P **SY-EPC-15200**

- emPC-CX5 with PCI slots,
2 GB DDR3 SO-DIMM

emPC-CX5/2X **SY-EPC-15300**

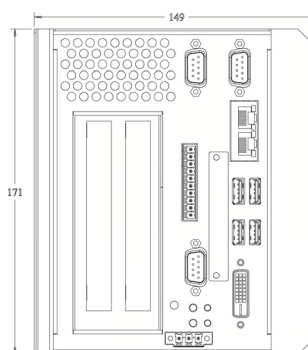
- emPC-CX5 with PCIe slots,
2 GB DDR3 SO-DIMM

More Ordering Information emPC-CX5

SSD/HDD Mounting Kits, Hard Disks, SSDs
CFast mediums, Memory Upgrades
Operating System Images

All the options have to be ordered separately.

Please contact the Janz Tec office for detailed information!



2 PCI slot version

Dimensions (w x h x d):
149 x 171 x 230 mm

Contact Information

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