

Fanless Embedded PC System With Intel Core2Duo 1,5 GHz



Features

Processor

- Intel Core2Duo with 1.5 GHz
- LV - Low Voltage version
- 4 MB cache
- 667 MHz FSB

System

- Compact industrial computing system
- 1 GB SO-DIMM DDR2 with 667 MHz
- Intel 945GME chipset
- Active cooling fan inside
- Internal fan and temperature monitoring
- 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)
- Optional mounting kits for 2.5" IDE or S-ATA hard disks
- Passive cooling is possible, if an external active cooling system is being used
- Up to 2 GB SO-DIMM DDR2
- One internal CompactFlash socket

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-MC2D/0 SY-EPC-86000

- emPC-MC2D without PCI slots,
1 GB DDR2 SO-DIMM

emPC-MC2D/2 SY-EPC-86200

- emPC-MC2D with 2 PCI slots,
1 GB DDR2 SO-DIMM

More Ordering Information emPC-MC2D

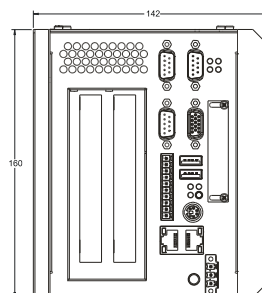
AddOn Modules (different modules under development)

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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