

Fanless Embedded Panel PC System With 12.1 inch Display Size



Features

Housing

- Aluminum front panel with front foil for corporate design (standard is Janz Tec' design)

Display

- 12.1" (30.7 cm) SVGA TFT LCD display
- Resolution 800 x 600
- Contrast ratio 700:1
- Luminance 450 cd/m²
- LED backlight for high reliability

Touchscreen

- Resistive 4-wire Touchscreen

Internal Computing System

- **emPC-MN270** using Intel Atom N270 with 1.6 GHz and 512 kB cache
- **emPC-MCM** using Intel Celeron M with 1000 MHz and 512 kB cache
- **emPC-MC2D** using Intel Core2Duo with 1.5 GHz and 2 MB cache

(For more details regarding emPC-M systems please refer to the related emPC-Mxx documents.)

The emVIEW systems are designed for fan less operation. In some cases an optional fan is recommended, especially when using special equipment or when running applications with high CPU requirements. Please ask your sales office for further information.

System

- Fanless cooling in most system (emPC-MC2D come standard with an active cooler)
- Internal temperature monitoring
- Real time clock with battery backup

- Internal mounting slot for 2.5" hard disk with 44-pin IDE or S-ATA connector
- System is available without or with 2 PCI slots

Interfaces

- 2 x independent 10/100 Mbit/s Ethernet port, RJ45 connectors
- 2 x USB (V 2.0)
- 1 x RS232 serial port
- 2 x isolated CAN/CANopen ports
- 1 x PS/2 connector
- Reset button
- Type I/II Compact Flash socket
- One proprietary slot for special purpose I/O modules (e.g. Audio In/Out, digital I/Os,...)
- Lockable power connector

Power Supply

- 14 ~ 32 V DC with connector for external power button

Physical

- Dimensions of complete emVIEW-12T (w x h x d):
0 PCI slot version, 320 x 260 x 118 mm
2 PCI slot version, 320 x 260 x 173 mm
- Display cut-out dimensions (w x h): 300 x 240 mm
- Weight approx. 4.2 kg

Options

- Internal fan monitoring, if optional fan is used
- Internal CompactFlash socket
- Special options on request

Supported Operating Systems

Windows XP / XPe, Windows CE 5.0/6.0, WES 7, Linux, other operating systems on request... For special Windows CE images contact your regional Janz Tec sales office.

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Ordering Information

emVIEW-12T/Mxx **SY-EMV-yyy12**

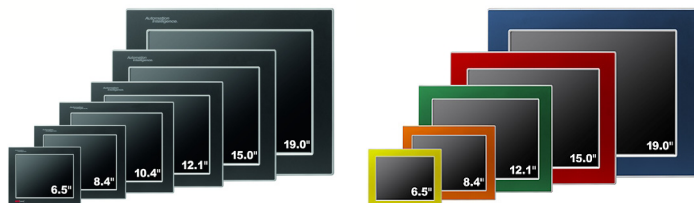
- emVIEW-12T, based on emPC-Mxx system (please specify Mxx)
For more details please look at the datasheet „emPC-M - General Information“

emVIEW-12T/Mxx **SY-EMV-yyy02**

- Same System as above, but without resistive touchscreen

CompactFlashes, Windows CE images and other options have to be ordered separately.

Please contact the Janz Tec offices!



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