

Fanless SlimLine Embedded Panel PC System With 6.5 inch Display Size



Features

Housing

- Aluminum front panel with front foil for corporate design (standard is Janz Tec' design)
- Dimensions of complete emVIEW-6T (w x h x d): 194 x 159 x 55 mm (Version /0, /1, /2)
- (w x h x d): 194 x 159 x 72 mm (Version /R3)
- Display cut-out dimensions (w x h): 172 x 142 mm
- Weight approx. 1.0 kg

Display

- 6.5" (16.5 cm) VGA TFT LCD display
- Resolution 640 x 480
- Contrast ratio 600:1 (500:1 typ.)
- Luminance 700 cd/m² (typ.)
- LED backlight for high reliability

Touchscreen

- Resistive 4-wire Touchscreen

Computing System

Processor

- ARM Cortex A8: Freescale i.MX515 with 600 MHz
- 2 x 32 kB L1 cache, 256 kB L2 cache
- Vector floating point co-processor

Memory

- System memory 256 MB DDR2-RAM
- NVRAM 32 kB (battery free solution)
- Internal storage medium Compact Flash socket, Type I/II

Video

- OpenGL[®] ES2.0 and OpenVGTM 1.1 accelerator
- 24 bit display support up to WXGA resolution

Clocks and Timers

- Timekeeper (TOY); part of the NVRAM, requires battery
- Watchdog timer

Interfaces

- 2 x 9-pin D-SUB connectors for CAN or serial ports
version /0: 2 x RS232 serial interface or
version /1: 1 x CAN and 1 x RS232 or
version /2: 2 x CAN/CANopen interface
- 2 x 10/100 Mbit/s Ethernet
- 2 x USB (V 2.0), with 500 mA power supply capability
- 15-pin D-SUB VGA port
- Receptacle for power supply
- Reset push button
- Status LED for power supply status

CAN/CANopen

- SJA 1000 CAN Controller
- Physical Layer ISO/DIS 11898-2, isolated from logic
- Bus termination is software switchable, 120 Ω resistor

Internal Expansion

- iX-Bus 8/16 bit interface for I/O and low speed peripherals

Power Supply

- Input 9..32 V DC
- Power consumption TBD

Physical

- Ambient operating temperature 0 °C...60 °C
- Non-operating temperature range -20 °C...75 °C
- Humidity 0 % ~ 80 %, non-condensing

Options

- CoDeSys IEC61131-3 runtime environment
- Extended operating temperature range -20 °C...60 °C

Supported Operating Systems

Windows CE 6.0, Linux, other operating systems on request... For special Windows CE images contact your regional Janz Tec sales office.

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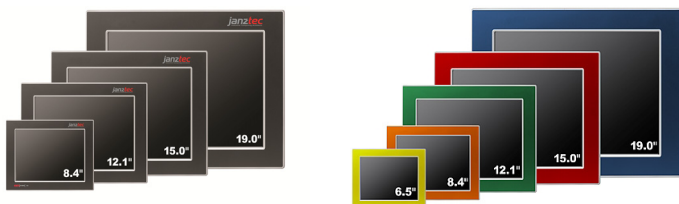


Ordering Information

- | | |
|--|---------------------|
| emVIEW-6T/A500/0 | SY-EMV-51062 |
| <ul style="list-style-type: none"> emVIEW-6T/A500, based on standard emPC-A500/0
2 x RS232 ports | |
| emVIEW-6T/A500/1 | SY-EMV-51060 |
| <ul style="list-style-type: none"> emVIEW-6T/A500, based on standard emPC-A500/1
1 x CAN port; 1 x RS232 port | |
| emVIEW-6T/A500/2 | SY-EMV-51061 |
| <ul style="list-style-type: none"> emVIEW-6T/A500, based on standard emPC-A500/2
2 x CAN ports | |
| emVIEW-6T/A500/R3 | SY-EMV-51065 |
| <ul style="list-style-type: none"> emVIEW-6T/A500, based on standard emPC-A500/2
1 x CAN port; 3 x RS232 ports | |
| emVIEW-6T/A500/1-IO | SY-EMV-51066 |
| <ul style="list-style-type: none"> emVIEW-6T/A500, based on standard emPC-A500/1-IO
1 x CAN port; 1 x RS232 port, 8 x digital IO,
4 x analog Inputs, 4 x analog Outputs | |
| emVIEW-6/A500 | SY-EMV-900xx |
| <ul style="list-style-type: none"> Same systems as above, but without resistive touchscreen | |

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

Please contact the Janz Tec offices!



Contact Information

Janz Tec AG
Im Doerener Feld 8
33100 Paderborn
Germany

Phone +49.52 51.15 50.100
Fax +49.52 51.15 50.190
E-Mail sales@janztec.com
Web www.janztec.com