

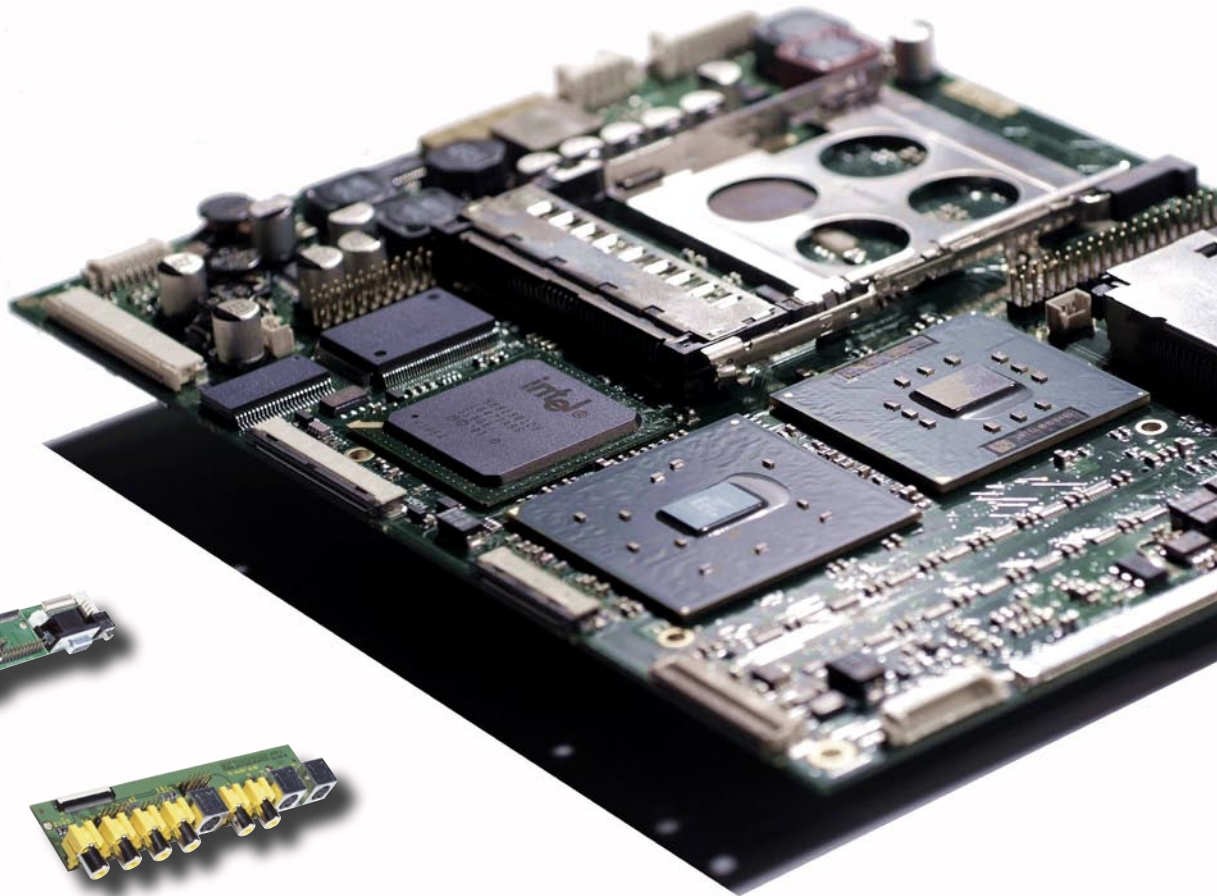


ePanel-PM

Mobile Flatpanel SBC



powered by
Intel® Pentium® M



- Intel® Celeron® M and Pentium® M CPU (600 MHz up to 1.4 GHz)
- Low power consumption
- Prepared for wireless LAN/Internet, Bluetooth connections etc. via PC-CARD-Slot or Mini-PCI (e.g. for DVB-T)
- Low profile form factor
- Ideal suitable for warehouse management, indoor visual units, Rear-seat-video, ...
- Shortest time to market by highest integration of interfaces and features

Product Overview

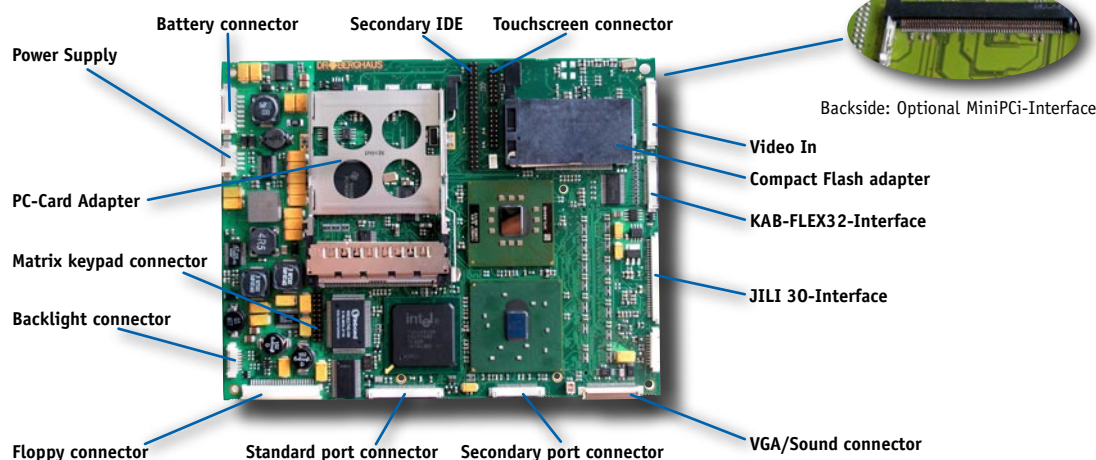
Do you need an ultraflat single board computer to be mounted directly behind a flat panel? **ePanel-PM** is a complete SBC with a very low height based on low power Intel® Celeron® M or Pentium® M.

A wide range of software is available for this proven x86 platform. In addition to the very low power consumption, the high number of interfaces is remarkable. So, systems can be designed within a very short period and built with minor additional engineering efforts.

Technical Information

Processor
Intel® Celeron® M and Pentium® M 600 MHz - 1.4 GHz
Chipset
GM 852 or GME 855/ICH4
Memory
1 x DDR-SODIMM SDRAM, 200pin, 2.5V, up to 1GByte
Graphics
Intel® Extreme Graphics with shared memory Flatpanel Interface: TTL and LVDS on board NTSC/Pal video input Touch screen: 4/5/8 wire supported matrix controller
Ethernet
100 MBit Ethernet
USB
3 x USB 2.0

Dimensions
140 x 180 mm
Battery
Smart-Battery backup supported
Power Supply
Wide range DC (8 to 28 V)
I/O Features
Flexible I/O adapter solution: 1 x VGA / Sound connector 1 x Floppy Connector 1 x secondary IDE 1 x secondary port connector 1 x Compact Flash socket PC-CARD interface on Board Mini PCI for Bluetooth, Wireless LAN, CAN, DVB-T, etc.



Ordering Information

Article	Part.-No.	Description
ePanel-CM 600 (800) MHz	22242	ePanel-CM 600 MHz with Intel® Celeron® M ULV CPU and GM852 Chipset
ePanel-CM 1 GHz	22243	ePanel-CM 1 GHz with Intel® Celeron® M ULV CPU and GME855 Chipset
ePanel-PM 1.4 GHz	22244	ePanel-PM 1.4 GHz with Intel® Pentium® M LV CPU and GME855 Chipset
I/O Adapter	22223	I/O Adapter for standard interfaces (e.g. USB, VGA, RS232 etc.)
ePanel-PM Starterkit	60900	Including I/O-adapter, video-adapter, power supply, 512 MB CF-Card, 256 MB DDR-RAM and cables for: power supply, I2C-Bus, touch-panel and matrix keyboard, HD-Adapter. Reset-Button, Power-Button.
DDR-SDRAM-SODIMM 256 MB	97007-2560-00-0	DDR-SDRAM SODIMM PC2700 memory module with 256 MB
DDR-SDRAM-SODIMM 512MB	97007-5120-00-0	DDR-SDRAM SODIMM PC2700 memory module with 512 MB
DDR-SDRAM-SODIMM 1GB	97007-1024-00-0	DDR-SDRAM SODIMM PC2700 memory module with 1 GB

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