

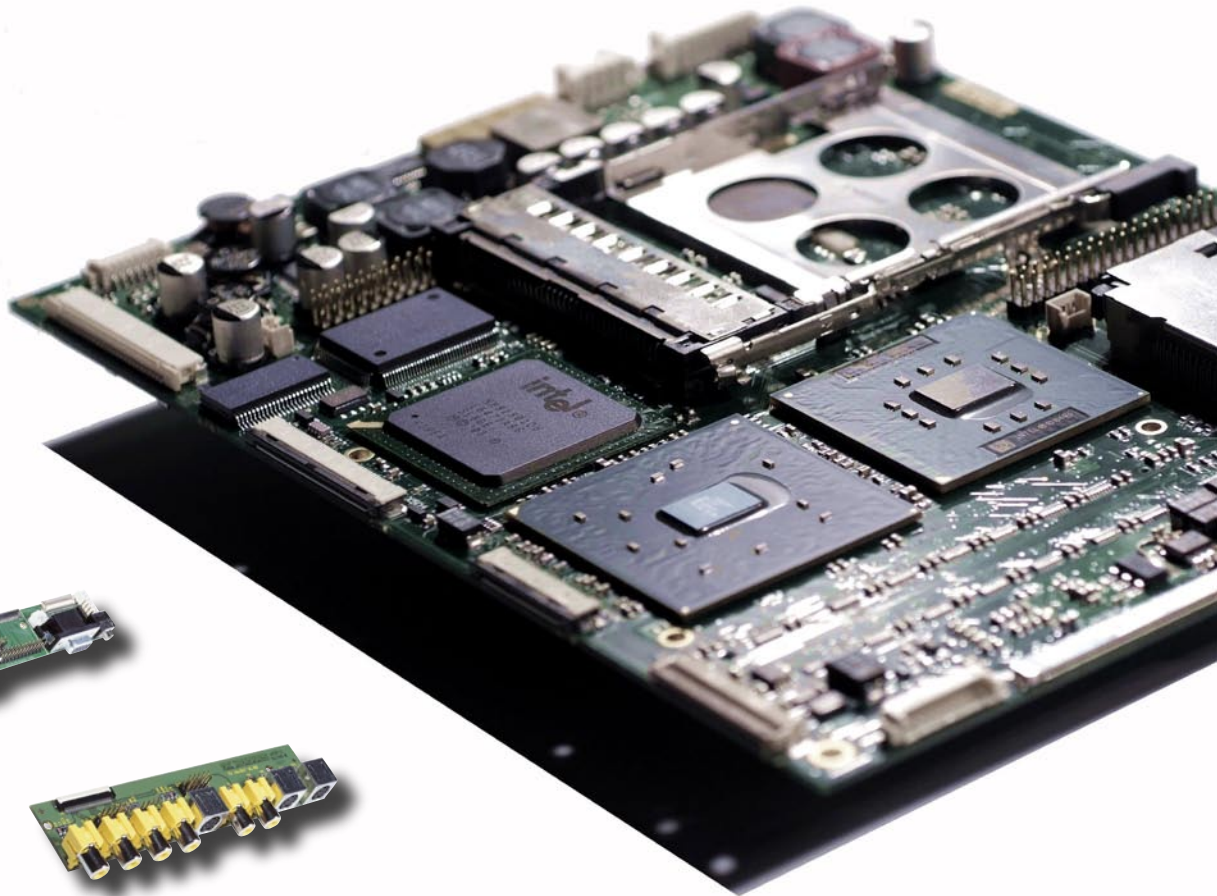


# ePanel-PM

## 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

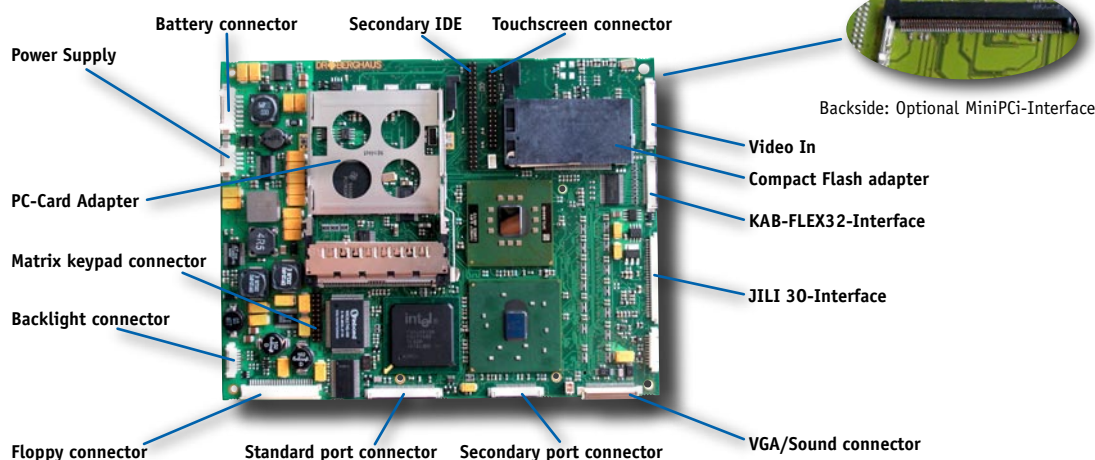
Do you need an ultraflat single board computer to be mounted directly behind a flat panel? **ePanel-PM** is a complete SBC with a very low height based on low power Intel® Celeron® M or Pentium® M.

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<br>Flatpanel Interface: TTL and LVDS on board<br>NTSC/Pal video input<br>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:<br>1 x VGA / Sound connector<br>1 x Floppy Connector<br>1 x secondary IDE<br>1 x secondary port connector<br>1 x Compact Flash socket<br>PC-CARD interface on Board<br>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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