

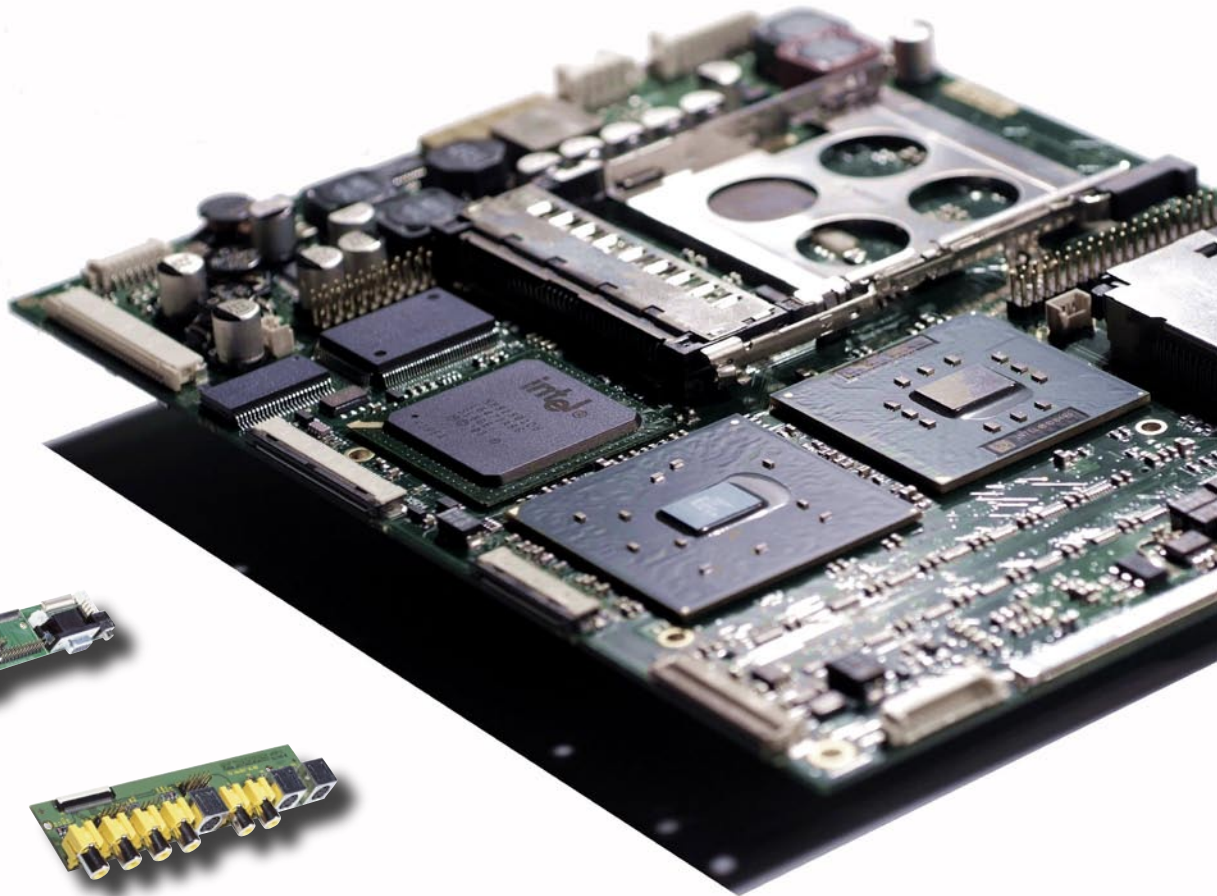


ePanel-PM

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

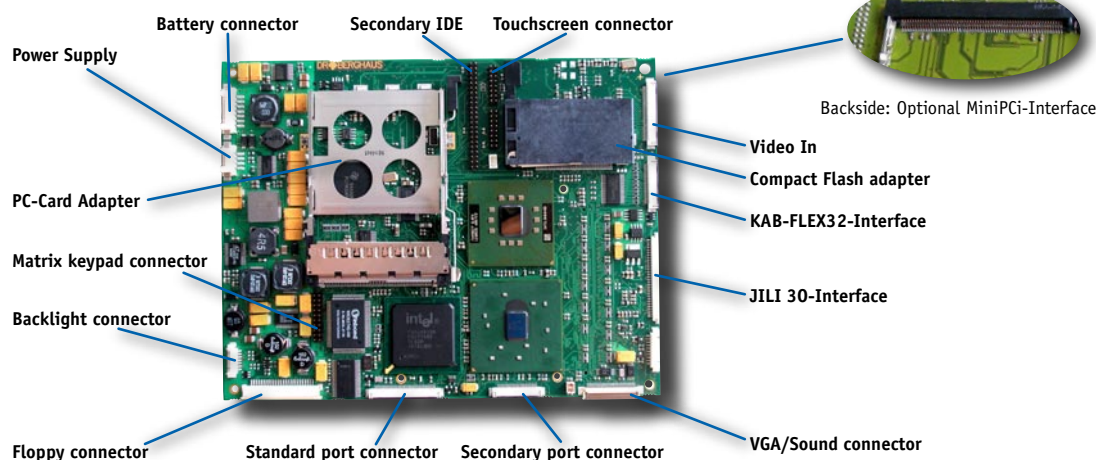
Do you need an ultraflat single board computer to be mounted directly behind a flat panel? **ePanel-PM** is a complete SBC with a very low height based on low power Intel® Celeron® M or Pentium® M.

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 |

Corporate Offices

Europe, Middle East & Africa

Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
sales@kontron.com

North America

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific

17 Building, Block #1, ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
kcn@kontron.cn

Kontron Embedded Modules GmbH

Flatpanel Solutions
Hamburger Straße 181
22083 Hamburg - Germany
Tel.: +49(40)200090-0
Fax: +49(40)200090-10
sales-graphic@kontron.com