



Design and Technology GmbH

# MT-BASE

Computer-on-Display System with Samsung S3C2440 ARM9 CPU

Revision 4.0 / 2011-09-30

product specification sheet

## Technical data:

- Voltage supply: +6 VDC (optional wide voltage range supply 12-60 VDC also available)
- Power consumption: ca. 9W
- Operating temperature: 0°C ... 70°C (optional extended temperature range -20°C to +85°C also available)
- Dimensions (L x B x H): 162 mm x 110 mm x 32 mm (including all connectors)
- Weight: approx. 350 g

## Maximum features:

- MT-COM Modul
- 5,7" TFT touchscreen display with LED backlight, 262.144 colors and the resolution VGA (640x480) or QVGA (320x240)
- 2 x 100 Pin-Connector to connect the MT-COM module
- Ethernet interface with 100 MBit and RJ45 jack
- 2 x USB 2.0 Host interfaces USB-A jack
- 1 x USB 1.1 Host interface USB-A jack
- 1 x USB 1.1 Client interface USB-B jack
- 1 x RS232 9-pol SUB-D plug
- 1 x RS232 9-pol plug connector
- 1 x RS485 9-pol SUB-D plug (2-wire/4-wire)
- CAN interface (9-pin SUB-D)
- Audio interface with line in, line out and microphone 3.5 mm stereo sockets
- SD Card slot with push/push action
- Reset button
- Hollow-jack socket to connect to an external 6 volt power supply unit (optional wide voltage range supply 12-60V and additional power connector also available)



CE compliant to the following directives:

EN 55022

EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN610004-6

## Subject to technical modifications

ARM9 is a registered trademark of ARM Ltd.

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