



Design and Technology GmbH

# MT-Extreme

Embedded System with Freescale i.MX536 ARM Cortex-A8 Processor, 1 GHz

Revision 2.0 – 2015

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 Version

## Processor board:

- Freescale i.MX536
- 1 GHz Cortex A8
- OpenGL® ES 2.0 and OpenVG 1.1
- 2 GB DDR3 RAM
- 4–32 GB eMMC Flash

## Base board:

- 1x SD Card Slot
- 1x Micro SD Card
- 100 Mbit Ethernet MAC
- Audio: Line IN, OUT, MIC
- 1x SATA I 1.5 Gbps
- 3x USB 2.0 Host socket
- 1x USB 2.0 Device socket
- 1x CAN socket
- 3x AD input 0–2,5V
- 1 x UART
- 1 x Extended voltage range 6 – 48 V DC
- Operation temperature: –20°C ... +70°C

## SO-DIMM Adaptor

- 1 x LVDS Dual + Single Link
- 1 x RGB Interface
- 1 x VGA Interface
- 1 x DVI Interface
- 1 x SPDIF Audio
- 1 x 8 bit Camera interface
- 1 x I<sup>2</sup>C
- 1 x UART
- 1 x capacitive or resistive Touch
- 1 x USB 2.0 Host

Available on request: Extended temperature range: –40°C / +85°C



Conformity is declared with the following standards:

EN 55022

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

Subject to technical changes

ARM Cortex™-A8 is a trademark of the ARM Ltd.





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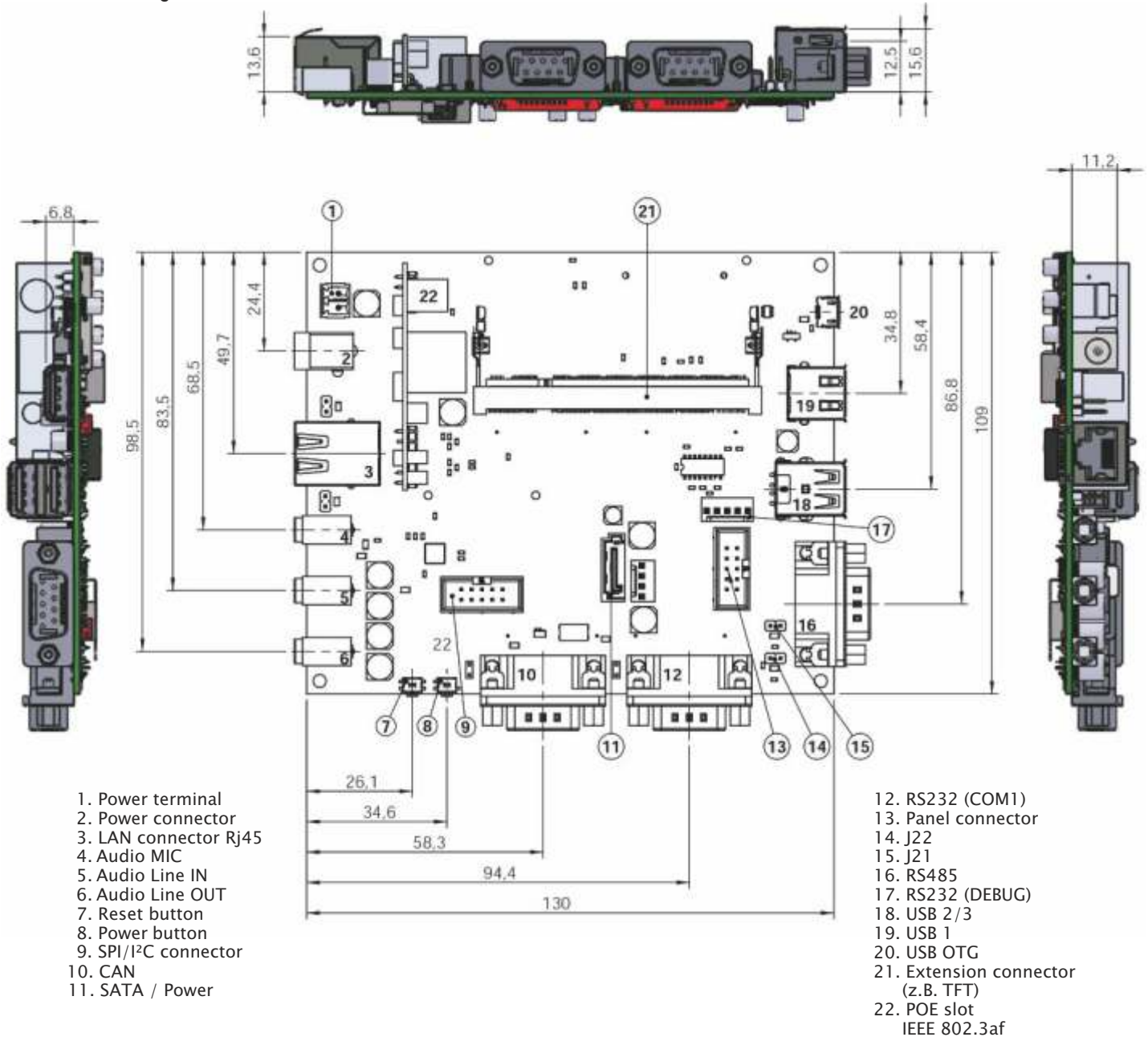
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## Technical Drawing:



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