

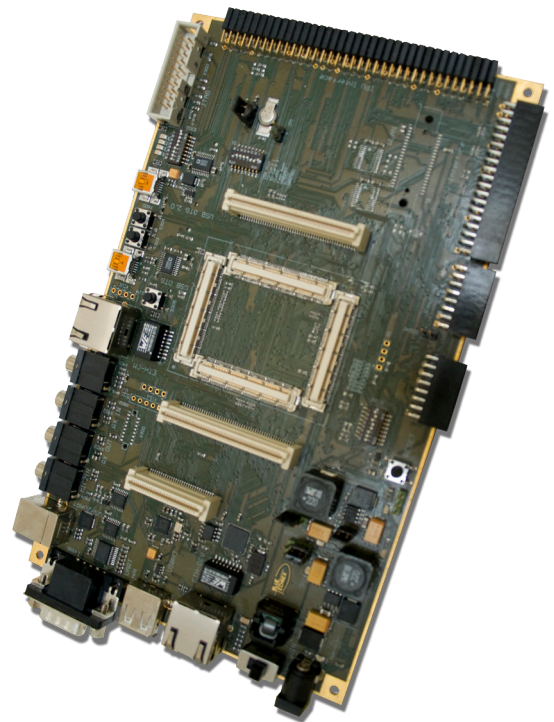
# DEV-i.MX31 Development Board

## i.MX

The DEV-i.MX31 Development Board is an extendable development or application platform for the world smallest i.MX31 processor module. With display connector and keypad it can be used as a reference design for a low power mobile handheld device powered by a single Lithium Ion battery. The development board provides all interfaces of the connector version on dedicated expansion connectors. Extender boards can be plugged on top of the Development Board in order to enable additional interfaces.

### Features

|                 |                                |
|-----------------|--------------------------------|
| COMPATIBLE WITH | CM-i.MX31C                     |
| JTAG CONNECTOR  | ✓                              |
| USB TO UART     | ✓                              |
| ETHERNET        | 2x10/100MBit                   |
| USB             | 1xUSB OTG, 1xUSB Host          |
| RS232           | ✓                              |
| AUDIO           | MicIn, LineIn, Headset-Out     |
| DISPLAY         | 18bit RGB Interface (IPU)      |
| VIDEO IN        | 1xCSI (Camera/TVP5150)         |
| GPIO            | LEDs, push button, Keypad Port |
| SD CARD         | 2                              |
| DIMENSIONS      | 120x200mm                      |



### Related Packages / Products

- Linux Board Support Package
- WIN-CE 6.0 Board Support Package upon request
- Libraries, Schematics and BOM of Baseboard

### Package content

- Button Interface Board
- Video-Out and Display Board
- Video-In and Camera Board

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