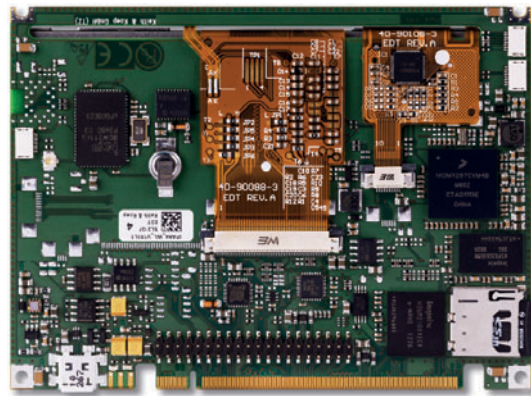
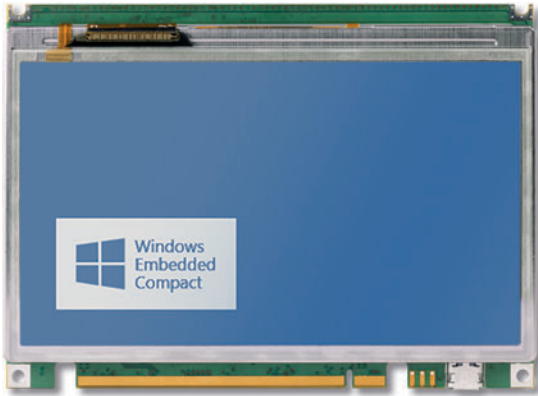


i-PAN4 LC

Intelligent Touch Panel

- Compact industrial PanelPC solution
- Res./cap. Touchscreen 4,3" LCD
- Onboard CAN Transceivers and Ethernet PHY
- Peripherals: direct access via extension header and MXM connector
- Designed as low power LiPo solution
- Low cost version (LC)

Keith & Koep



Computing Units

| | |
|---------------|--|
| Processor | Low Power Freescale™ i.MX287 CPU, 454MHz |
| RAM Memory | 128 MB DDR2-RAM |
| Flash Storage | Onboard 4 Bit wide μ SD Socket for cards up to 32GB (μ SD card with Operation system is required) |

Onboard and Direct Connectivity

| | |
|--------------------|--|
| Display Interfaces | 4.3" res. /cap. touch TFT-display (480 x 272 pixel) |
| Features | μ USB2.0-OTG connector, 2x non-isolated FlexCAN Transceivers, 10/100 Ethernet PHY, Debug-UART accessible via Keith & Koep Flex-Connector |
| Power units | Low cost PMU variant with internal DC/DC and LDOs inside i.MX28 |

Expandability

| | |
|----------------------|---|
| Extension Connector | SL2-40 2.0mm Pin header or MXM-230 pin card edge connector |
| Extension interfaces | Power, USB2.0 Host, 4x UARTS, 2x SPI, I2C, GPIOs, PWMs, second 10/100 Ethernet, 2x FlexCAN, SPDIF |

General Details

| | |
|------------------------|---|
| Operating Systems | Windows Embedded CE 6.0 R3, Compact 7 |
| Voltage Supply | +5V DC single supply via μ USB-Connector or extension connector / power consumption below 2.5W LiPo interface |
| Operating Temperature | 0 °C ... +70 °C / -20 °C ... +85 °C on request |
| Board Dimensions | 105.5 x 77.5 x 13.5 mm (W x H x D) |
| Environmental Standard | RoHS, REACH, WEEE |
| Availability | 10 years form, function* |



www.keith-koep.com

*beginning product life circle
Technical modifications reserved, errors excepted

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