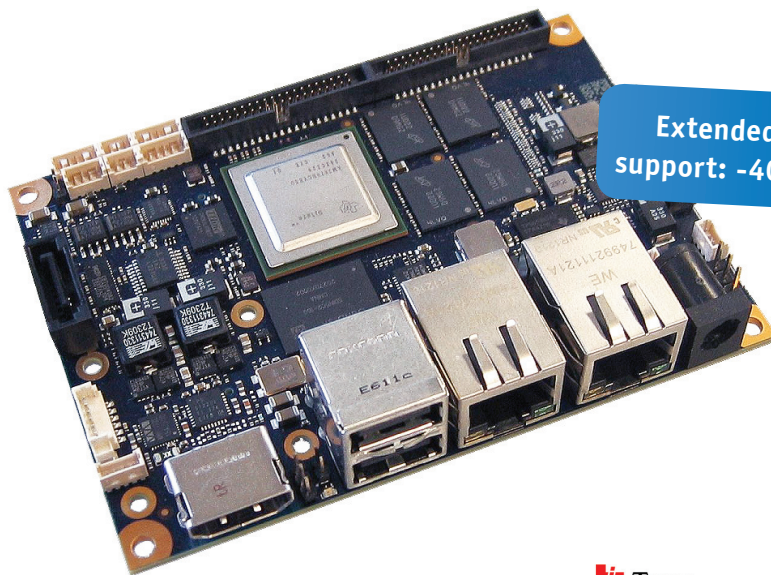


# » KTAM3874/pITX «



Extended Temperature support: -40°C to 85°C (E2)



## Ultrasmall 2.5" Pico-ITX board with Texas Instruments ARM processor

- » Single core Cortex A8 TI® AM3874 Sitara™ ARM CPU up to 800 MHz
- » HDMI / 24-bit LVDS (2 independent outputs)
- » 2x RS232, 1x RS232/485, 2x CAN bus, 4x USB, up to 26x GPIOs (TTL), I2C, SPI
- » 2x 10/100 Mbs LAN, 1x SATA or mSATA on mPCIe connector
- » mPCIe slot w. SIM card support & micro SD slot
- » Onboard 1GB DDR3 Memory (up to 2GB optionally)

## Technical Information

<b>CPU</b>	ARM® CortexTM-A8, TI® AM3874 SitaraTM, up to 800 MHz core frequency
<b>Memory</b>	1GB Dual 32bit DDR3-800 memory onboard (up to 2 GB optional)
<b>Ethernet</b>	Dual port Ethernet (10/100 Mb/s) with integrated optional switch
<b>Graphics</b>	2 independent graphic outputs (LVDS dual channel 24bit, HDMI 1.3a) both up to 1080p
<b>Audio</b>	Analog audio interface (Line-In, Line-Out, Mic-In), 1 W Speaker interface
<b>SATA</b>	1x SATA 2.0, 1x mSATA shared with mPCIe
<b>USB</b>	5x USB 2.0 (2 on front I/O, 2 internal (1x USB client) and 1x USB 2.0 on mPCIe connector)
<b>Mass Storage</b>	Onboard 4GB eMMC Nand flash (optionally up to 16GB), microSD card slot
<b>Serial Ports</b>	2x RS232, 1x RS232/485
<b>Special Features</b>	2x CAN Bus, onboard SIM-card slot for mPCIe modem cards
<b>I/O Features</b>	1x mPCIe® 2.0 port (x1 lane), I2C, 26x GPIOs, UART, Timer and SPI output shared with GPIO's
<b>Temperature</b>	Operating -40°C to +85°C (E2)
<b>Power Supply</b>	5V DC
<b>Dimensions</b>	100 x 72 mm (Pico-ITX)

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