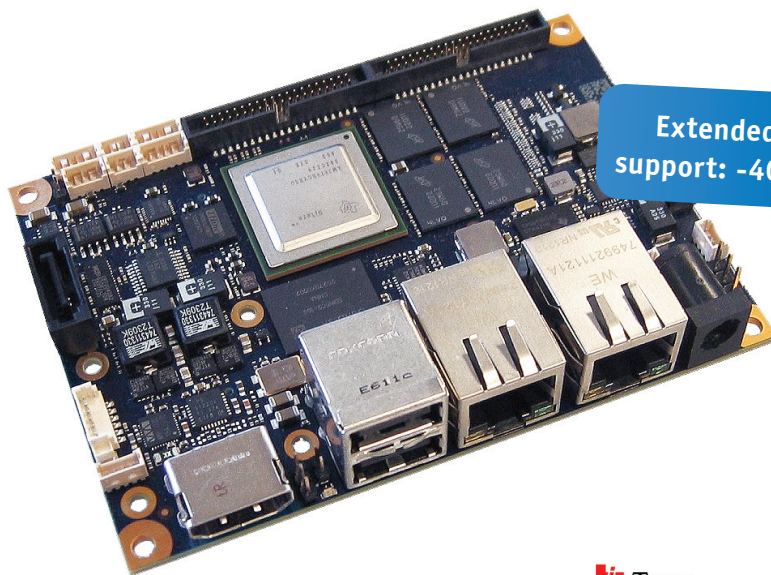


» KTAM3874/pITX «



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

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

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