KTAM3874/pITX

▼

TEXAS INSTRUMENTS **Pico™**

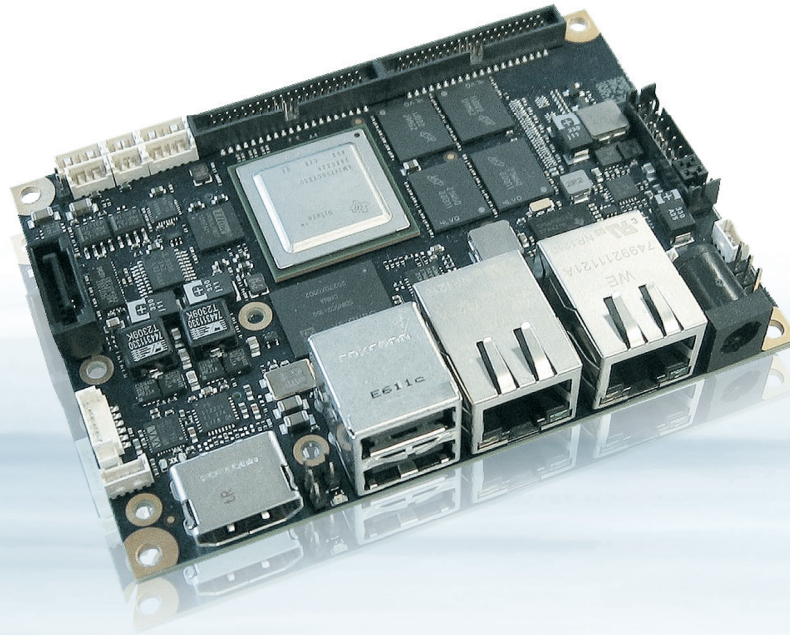## ULTRASMALL 2.5" Pico-ITX BOARD WITH TEXAS INSTRUMENTS ARM PROCESSOR

▶ single core cortex A8 TI® AM3874 SitaraTM 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

POSSIBILITIES START HERE **kontron**

CPU	ARM® CortexTM-A8, TI® AM3874 SitaraTM, up to 800 MHz core frequency
MEMORY	1 GByte Dual 32 bit DDR3-800 memory onboard (up to 2 GByte optional)
ETHERNET	Dual port Ethernet (10/100 Mb/s) with integrated optional switch
GRAPHICS	2 independent graphic outputs (LVDS dual channel 24 bit, 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 4 GByte eMMC Nand flash (optionally up to 16 GByte), 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 GPIÓ s
TEMPERATURE	Operating -40° C to +85° C (E2)
POWER SUPPLY	5V DC

▶ CORPORATE OFFICES

EUROPE, MIDDLE EAST & AFRICA

Lise-Meitner-Str. 3-5
86156 Augsburg
Germany
Tel.: + 49 821 4086 0
Fax: + 49 821 4086 111
info@kontron.com

NORTH AMERICA

14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: + 1 888 294 4558
Fax: + 1 858 677 0898
info@us.kontron.com

ASIA PACIFIC

1~2F, 10 Building, No. 8 Liangshuihe 2nd Street,
Economical & Technological Development Zone,
Beijing, 100176, P.R.China
Tel.: +86 10 63751188
Fax: +86 10 83682438
info@kontron.cn

www.kontron.com