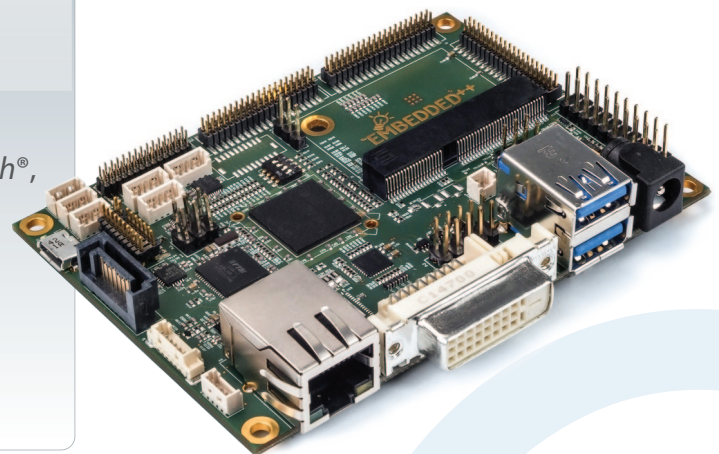# ™EMBEDDED++

EPP-Pico-OMAP5430

Who says that great things don't come in small packages?

™Embedded++ delivers industry-standard **Pico-ITX solution**, based on **OMAP™ 5 platform** from Texas Instruments Incorporated (TI)

Key benefits:

- High-performance, dual-core ARM® Cortex™-A15 foundation
- Compact form factor: 100 x 72 mm
- Low power consumption
- Multi-channel HD video processing
- Wireless connectivity (Wi-Fi, GNSS, *Bluetooth®*, *Bluetooth v4.0* and FM technologies)
- Battery charger for portable applications
- Linux and Android 4.1 BSP
- Software compatibility with open source PandaBoard platform

Features:

- OMAP5430 processor
- 2 GB LP-DDR2
- USB 3.0 SuperSpeed connectivity
- Up to 16 GB eMMC storage
- Murata WiLink™ 8.0 connectivity solution (Wi-Fi, GNSS, *Bluetooth®*, *Bluetooth v4.0* and FM technologies)
- Built-in battery charger (1-cell Li-Ion)
- Linux and Android 4.1 BSP

Interfaces:

- 1x USB 3.0, 3x USB 2.0
- SATA port
- 100 Mbit Fast Ethernet
- UART, RS-232, SPI master port
- GPIO
- DVI video out, LVDS dual channel
- Serial camera input port (compatible with PandaBoard)
- Micro SD card socket (half-mini socket)

Target applications include intelligent camera applications, set-top boxes, digital signage, mobile HMIs (instrumentation, ticketing), kiosks (POS/POI), gaming, gesture control

TEXAS INSTRUMENTS
Design House

institute **MP** **MIHAILO PUPIN**

ICT NETWORK

it mark