



March 3, 2009:

Keith & Koep introduce i-PAN7 at Embedded World 2009

Keith & Koep showed their first intelligent panel unit at Embedded World 2009. The i-PAN7 is based on Keith & Koep's Trizeps modules and comes with different connectivity options combined with a high resolution TFT with touch. Everything is packaged in a small frame and runs Windows Embedded CE.

The i-PAN7 panel is designed for easy and simple integration in other units or equipments. That makes it easy and fast for the customers of Keith & Koep to develop their own equipment.

The i-PAN7 uses the Trizeps Module Technology, to make it simple to select the right processor performance and keep the equipment functionality during changes of processor generations.

Today the i-PAN7 is available in four versions with different processors (PXA-270 / 312 MHz or 520 MHz, PXA-320 / 806 MHz) and selectable interface functionalities. It can be used with Trizeps-IV-, Trizeps-IV-WL- (WLAN) or the Trizeps-V-Modules. Windows-Embedded-CE 6.0 R2 is already installed together with the optimized BSP. For the usage its only necessary to connect the 12 V (7 V – 15 V) power supply.

The touch panel offers 800 x 480 pixel at a 7 inch display. All i-PAN7 panels comes with the following interfaces: 10-/100-Mbit/s-Ethernet, USB-Host and USB-Slave, Audio in/out, three 10-Bit-A/D Converter, I²C, SD/MMC socket. The real-time clock is buffered for one week.

Optional you can have additional I/O ports, fingerprint sensor, serial interface, CAN, digital- und analog-I/O. Most of the interfacing can be connected via ribbon cable to the universal connection board (option).

[\(click here for more information\)](#)