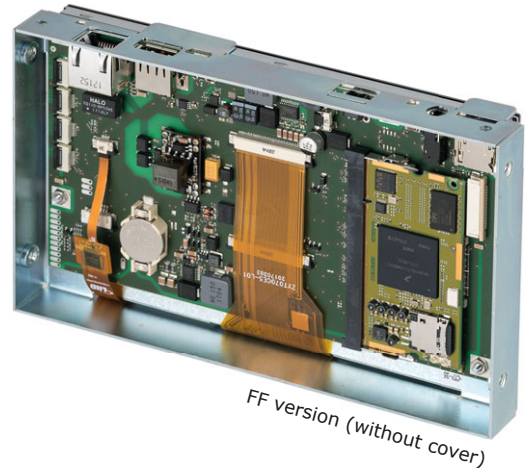


i-PAN T7

Compact 7.0 inch Touch Panel Computer with metal housing

- Ideal basis for customer-specific Panel PC solutions
- 7.0" capacitive touch TFT display
- Based on Trizeps SODIMM 200 CPU module technology with NXP i.MX 6 processor
- POE (Power Over Ethernet) available
- Wireless communication via Trizeps WiFi and Bluetooth (on request)
- Extension connectors for Breakout Boards

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Computing Units based on Trizeps VII SOM and i-PAN T7 Baseboard

Processor	NXP i.MX 6 Quad, Dual, DualLite, Solo / 800 MHz – 1 GHz
RAM Memory	Up to 4 x 16 Bit DDR3-1066 (533MHz), 16/32/64 Bit 1 CS, 256 MByte to 1 GByte (2, 4 GByte on request)
Flash Storage	Onboard 4 Bit wide μ SD Socket (on Trizeps VII) for cards up to 32GB (standard) or onboard 8 Bit wide eMMC with 4GB up to 64GB (on request)

Features

Display	7.0" TFT-Display, 800 x 480 pixel, 350 cd/qm, capacitive touchscreen LCD
Interfaces FF version (Full Function)	USB2.0 Host, μ USB2.0 OTG, RJ45 10/100 Mbit Ethernet, μ SD Card Socket, 3,5 mm Headset Jack for Microphone and Headphone, Realtime Clock with Backup battery, LED, Powerfail Detection
Interfaces LC version (Low Cost)	USB2.0 Host, RJ45 10/100 Mbit Ethernet, Realtime Clock with Backup Cap, LED, Powerfail Detection
Wireless Communication (on request)	Trizeps options: Onboard WLAN and Bluetooth module, IEEE 802.11 a/b/g/n/e/i/h/d/k/r/w, +18 dBm, 72 Mbps (20 MHz) and up to 150 Mbps (40 MHz), Bluetooth 3.0+ EDR

Expandability for Breakout-Boards

Extension interfaces FF version	FFC connectors with USB, I2C, UART, CAN, Keys, Camera (Raspberry Pi) / Solderpads for SPI, Speaker (2.6 W Audio Amplifier), Headphone, Microphone
Extension interfaces LC version	FFC connector with UART / Solderpads for SPI, Headphone, Microphone

General Details

System Software	E-Boot, U-Boot, Barebox, UEFI / Windows 10 IoT Core, Windows Embedded Compact 7, 2013 – Linux Kernel 3.035, 4.1.15, 4.4 – Ubuntu 14.04, 16.04, LXDE, Yocto – Android 4.2.2, 6.0
Voltage Supply	Industrial +12 up to 24V supply / only for FF version: Power over Ethernet (POE)
Operating Temperature	-20°C to 70°C
Dimensions (W x H x D)	176,0 x 108,5 x 28,0 mm (include housing)
Environmental Standard	RoHS, REACH, WEEE
Availability	10 years form, function*
Order Codes	i-PAN T7 FF: 47 410 / i-PAN T7 LC: 47 110 (incl. i-PAN T7 Baseboard FF or LC, without Trizeps VII)



*beginning product life circle
Technical modifications reserved, errors excepted

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