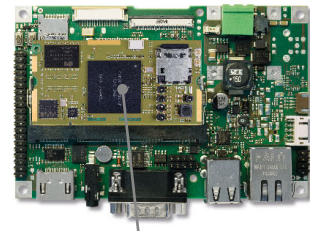


# i-PAN X7 LC

## Glas Touch Panel Computer

Keith & Koep

- Build-in industrial PanelPC solution
- 7.0" projected capacitive touchscreen LCD with 2 mm mineral glass front
- Optimal touch functionality using an optical bonding process to bond the display to the glass pane
- IP65 protection level for the frontside installation area
- Peripherals: direct access via standard connectors
- On request: Wireless communication



Trizeps VII (please order separately)

### Technical Data based on Trizeps VII and pConXS LC

Processor	NXP i.MX 6 DualLite, Solo (Quad or Dual on request) / 800 MHz – 1.0 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 $\mu$ SD Socket with up to 32GB cards (standard) or onboard 8 Bit wide eMMC with 4GB up to 64GB (on request)

### Features

Display	7.0" TFT-Display 800 x 480 pixel, projected capacitive touchscreen LCD, bonded behind 2 mm mineral glass using an optical bonding process
Housing	Enclosure front with 2 mm on one side chemically-treated anti-reflective mineral glass, IP65 protection level for the installation area (dust and splash water), glass fibre reinforced plastic housing with backside metal cover
Interfaces	USB2.0 Host, USB2.0 OTG, HDMI v1.4 WUXGA, USB2.0 Header, RJ45 10/100 Mbit Ethernet, RS232 D-Sub 9, 3.5mm stereo audio headphone jack
On request Wireless Communication	Trizeps VII option: 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 pConXS LC (external connectivity on request)

Additional features and interfaces	USB2.0 Header, $\mu$ SD card socket, FX11 high-speed board to board connector, I <sup>2</sup> C extension header, reset and user tactile switch, MiPi camera connector (Raspberry Pi)
Extension connector interfaces	SL2-40 2.54mm Pin header: Power (3V3, 5V, Vin fused), GPIOs (1x with PWM), SPDIF (out and in), stereo headphone (16 $\Omega$ and 32 $\Omega$ ), speaker (Mono, 8 $\Omega$ ), LineIn, microphone, 2 x UARTs, 2x CAN, SDIO, I <sup>2</sup> C, 3 x ADCs

### General Details

Operating Systems	Windows Embedded Compact 7 / Android JB 4.2.2 - 1.1.0 ASOP / Linux Ubuntu 14.04
Voltage Supply	Industrial +12 up to +24V supply
Operating Temperature	-20°C to +70°C
Dimensions	226 x 146 x 55 mm (W x H x D)
Environmental Standard	RoHS, REACH, WEEE
Availability	10 years form, function*



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\*beginning product life circle      Rev.0316  
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