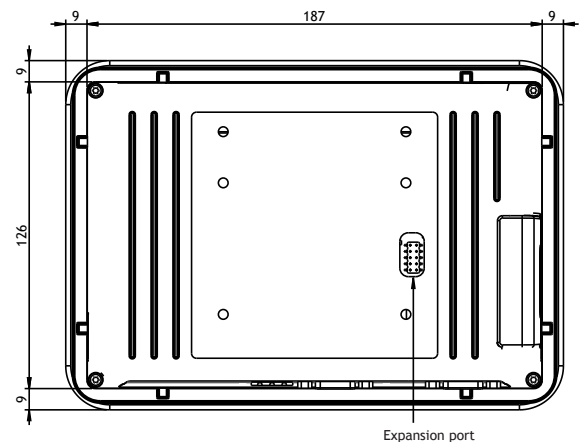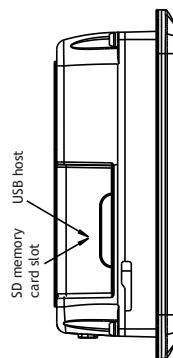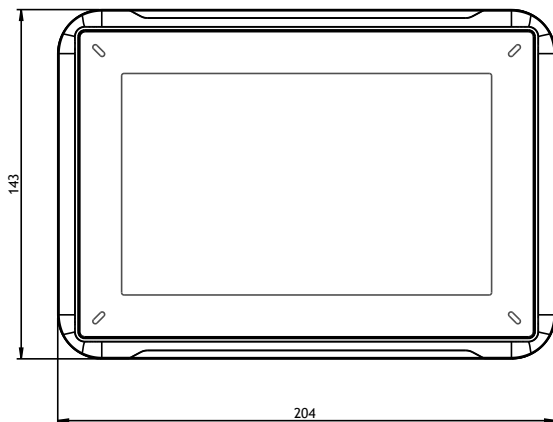# iX Panel T7B

High-Performance HMI with 7" Display and Automation Software

The high-performance iX Panel T7B features a bright 7" widescreen TFT display with touch screen, powerful processor and iX software with universal connectivity.

Product Highlights

▸ 800 x 480 pixel, 7" diagonal, LED lighted, TFT color LCD display with touch screen

▸ One 10/100Base-T and one 10/100/1000Base-T Ethernet ports

▸ Four serial ports (RS-232, -422/485), optional CANbus interface

▸ Powder-coated aluminum housing

▸ iX Software with protocols for most industrial automation controllers

143

204

SD memory card slot   USB host

9   187   9

9

126

9

Expansion port

Dimensions shown in mm.

iX Panel T7B Specifications

Feature	Detail	Description
Display	Type	800 x 480, TFT Color LCD
	Size	7"
	Lighting	White LED
	Brightness	500 cd/m2
Touch Screen	Type	Analog-resistive
Interface	Ethernet	10/100Base-T, 10/100/1000Base-T
	Serial	2 x RS232, 2 x RS422/485
	USB	Three USB 2.0
	Communication Modules (Optional)	Two isolated CANbus ports (CiX-CAN), MPI (pending)
Processor	Type	Intel® Atom (1.1 GHz)
Memory	Main	1 GB DDR2 MB
	Application	1.4 GB
	External Storage Media	One SD card
Realtime Clock	Standard	Battery-backed
Power	Input Voltage	+24 VDC (18-32 VDC)
	Consumption	14 Watts
Mechanical	Type	Panel-mount and VESA 75 x 75
	Size WxHxD	204 x 143 x 51 mm
	Cut-out Dimensions WxHxD	187 x 126 x 43 mm
	Mass	1.0 kg
	Housing Material	Powder-coated aluminum

Environmental	Protection (front/rear)	IP65 / IP20
	Temperature	Operating: -10 to 50 °C; Storage: -20 to 70 °C
Certifications	UL	UL 508 (pending), DNV (pending)
	CE	EN61000-6-4, EN61000-6-2

Software	Development Environments	iX Developer
	Runtime Environments	iX Software

BeiJer

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