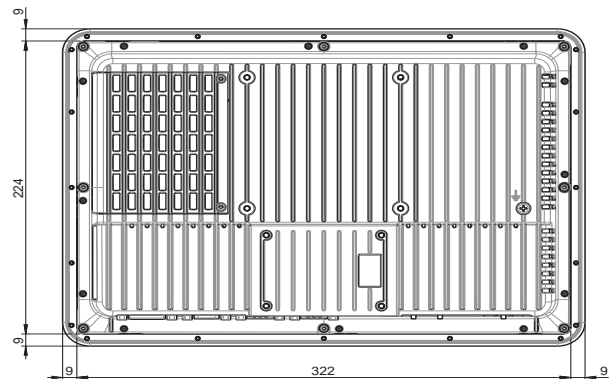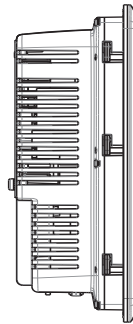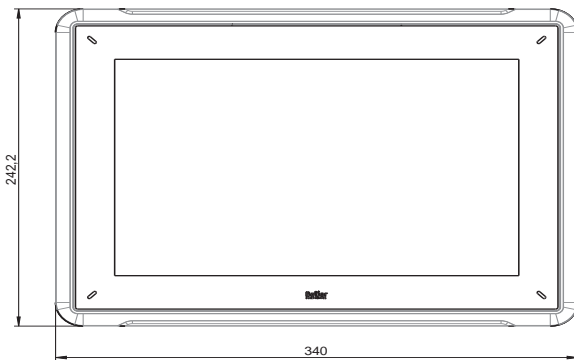# iX Panel T12C

Large 12.1″ Display Industrial PC with Automation Software

The iX Panel T12C Industrial PC features a large 12.1" widescreen TFT display with touch screen, powerful processor and iX software with universal connectivity.

Product Highlights

- ▶ 1280 x 800 pixel, 12.1" diagonal, LED lighted, TFT color LCD display with touch screen
- ▶ Two 10/100/1000Base-T Ethernet ports
- ▶ Four serial ports (RS-232, -422/485)
- ▶ Powder-coated aluminum housing
- ▶ iX Software with protocols for most industrial automation controllers

Dimensions shown in mm.

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iX Panel T12C Specifications

Feature	Detail	Description
Display	Type	1280 x 800, TFT Color LCD
	Size	12.1″
	Lighting	White LED
	Brightness	400 cd/m2
Touch Screen	Type	Analog-resistive
Interface	Ethernet	Two 10/100/1000Base-T
	Serial	Two RS232, two RS422/485
	USB	Four USB 2.0
	Communication Modules	CAN, MPI (pending)
Processor	Type	Intel® Celeron® B810E (2x1.6 GHz) / Intel® Core™ i7-2715QE (4x2.1 GHz)*
Memory	Main	2 GB or 4 GB DDR3 depending upon processor (with ECC support)*
	Application	8 GB CFast or 64 GB 2.5″ SSD*
	Expansion	mini PCIe
Realtime Clock	Standard	Battery-backed
Power	Input Voltage	+24 VDC (18-32 VDC)
	Consumption	107 Watts (depending upon configuration)
Mechanical	Type	Panel-mount and VESA 100 x 100
	Size WxHxD	340 x 242 x 79 mm
	Cut-out Dimensions WxHxD	324 x 226 x 72 mm
	Mass	4.2 kg
	Housing Material	Powder-coated aluminum

Environmental	Protection (front/rear)	IP65 / IP20
	Temperature	Operating: 0 to 50 °C; Storage: -20 to 70 °C
Certifications	UL	UL 508 (pending), DNV (pending)
	CE	EN61000-6-4, EN61000-6-2

Software	Operating System	Windows® 7, Windows Embedded® 7
	Development Environments	iX Developer
	Runtime Environments	iX Software

*configuration depending on customer request.

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