



## X2 pro 7 web

### 7" web client HMI

800 × 480 pixel (16:9) TFT-LCD touch screen

TFT display

8GB EMMC

Ethernet 2x100 Mbit

-10°C to +60°C operating temperature

DNV GL, KR, LR, ABS, CCS, BV, NK marine approvals

CE, FCC, KCC, UL approvals

## 📄 Facts

### General description

Part number	630023505
Life cycle status	Active
Warranty	2 year

### Certifications

General	CE, FCC, KCC, UL 61010-2-201
Marine	KR, LR, ABS, BV, CCS, NK, DNV GL

### Mechanical

Mechanical size	204 x 143 x 50mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1 million finger touch operations
Touch type	Resistive
Cut-out size	189 x 128mm
Weight	0.8 kg
Housing material	Powder-coated aluminum, Gray

### Power

Input voltage	24 VDC (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: The power supply must conform with the requirements for class 2 power supplies.
Power consumption (max)	14.4W
Input fuse	Internal DC fuse

### System

### Display

Size diagonal	7" diagonal
Resolution	800x480 pixels
Backlight	LED Backlight
Backlight life time	20000 hours
Backlight brightness	350 cd/m2
Backlight dimming	Dimming in system menu
Display type	TFT-LCD with LED backlight

### Serial communication

Number of serial ports	1 Port 9pin DSUB
Serial port 1	Not in use
Serial port 2	Not in use
Serial port 3	Not in use

### Ethernet communication

Number of Ethernet ports	2
Ethernet port 1	1x10/100 Base-T (shielded RJ45)
Ethernet port 2	1x10/100 Base-T (shielded RJ45)

### Expansion interface

SD card	SD and SDHC
USB	1xUSB 2.0 500mA

### Environmental

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CPU	i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache
RAM	1 GB
FLASH	8GB EMMC

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## Software

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Operating system	Linux
Web browser	Chromium in Kiosk mode

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Operating temperature	-10°C to +60°C
Storage temperature	-20°C to +70°C
Shock	15g, half-sine, 11ms according to IEC60068-2-27
Vibration	1g, according to IEC 60068-2-6, Test Fc
Sealing front	IP65, NEMA 4X/ 12 and UL Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed
Altitude (max)	< 3000m

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## ⚙ Smart Engineering Resources

📄 [Nexto Xpress WebVisu sample project](https://smartstore.beijerelectronics.com/en/Smart_Engineering_Resources/10386/nexto-xpress-webvisu-sample-project)  
([https://smartstore.beijerelectronics.com/en/Smart\\_Engineering\\_Resources/10386/nexto-xpress-webvisu-sample-project](https://smartstore.beijerelectronics.com/en/Smart_Engineering_Resources/10386/nexto-xpress-webvisu-sample-project))

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