



Facts

General description

Part number	630023605
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	292 x 194 x 52mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1 million finger touch operations
Touch type	Resistive
Cut-out size	275 x 177mm
Weight	1.65 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)	21.6W
Input fuse	Internal DC fuse

System

CPU	i.MX6Quad, Quad ARMCortex-A9 1.0GHz 1M BL2 cache
RAM	2 GB
FLASH	8GB EMMC

Software

X2 pro 10 web

10" web client HMI

1024 × 600 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

Display

Size diagonal	10.1" diagonal
Resolution	1024x600 pixels
Backlight	LED Backlight
Backlight life time	50000 hours
Backlight brightness	500 cd/m ²
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	2xUSB 2.0 500mA

Environmental

Operating system	Linux
Web browser	Chromium in Kiosk mode

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

Smart Engineering Resources

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