



Facts

General description

Part number	630000305
Life cycle status	Active
Warranty	2 year

Certifications

General	CE, FCC, KCC
Marine	KR, LR, ABS, BV, CCS, NK, DNV GL, RS
Safety	UL 61010-1, UL 61010-2-201, CAN/CSA-C22.2 No. 61010-1, CAN/CSA-C22.2 No. 61010-2-201

Mechanical

Mechanical size	292 x 194 x 52mm
Mounting option	Panel Mount, VESA 75 x 75
Number of touches	1million 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 V DC (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 II power supplies.
Power consumption (max)	21.6W
Input fuse	Internal DC fuse

System

CPU	i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache
RAM	1 GB
FLASH	2GB SSD(eMMC), 1.5GB free for application

Display

Size diagonal	10.1" diagonal
Resolution	1024x600 pixels
Backlight	LED Backlight
Backlight life time	50000 hours
Backlight brightness	500 cd/m2
Backlight dimming	Industrial Dimming
Display type	TFT-LCD with LED backlight

Smart Engineering Resources

X2 pro 10

10" HMI with iX runtime

1024 × 600 pixel (16:9)
TFT-LCD touch screen
1.5 GB application memory
Ethernet 2x100 Mbit
-10°C to +60°C operating temperature
CE, FCC, KCC, UL approvals
DNV GL, KR, LR, ABS, CCS, BV, NK, RS marine approvals

Serial communication

Number of serial ports	1 Port 9pin DSUB
Serial port 1	RS 232 (RTS/CTS)
Serial port 2	RS422/485
Serial port 3	RS485 (only if COM 2 is RS485)

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)

Communication CAN

Number of CAN ports	1
CAN port 1	0.5 MBit
CAN port 2	0.5 MBit

Expansion interface

Expansion port	Yes, cIX expansion module
SD card	SD and SDHC
USB	2xUSB 2.0 500mA

Environmental

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 50E Type 4X/ 12
Sealing back	IP20
Humidity	5% – 85% non-condensed
Altitude (max)	< 3000m