General description Part number

Certifications*

Mechanical size

Housing material

Power consumption

Input voltage

Input fuse

System CPU

RAM

FLASH

Display

Backlight

Size diagonal Resolution

Backlight life time

Backlight brightness

Backlight dimming

Display pixel error

Communication serial Number of serial ports

Ethernet communication Number of ethernet ports

Display type

Serial port 1

Serial port 2

Serial port 3

Ethernet port 1 Ethernet port 2

Environmental Operating temperature

Storage temperature

SD card

Shock

Vibration

Humidity

Sealing front

Sealing back

USB

Expansion interface Expansion port

Touch type

Cut-out size

Weight

Power

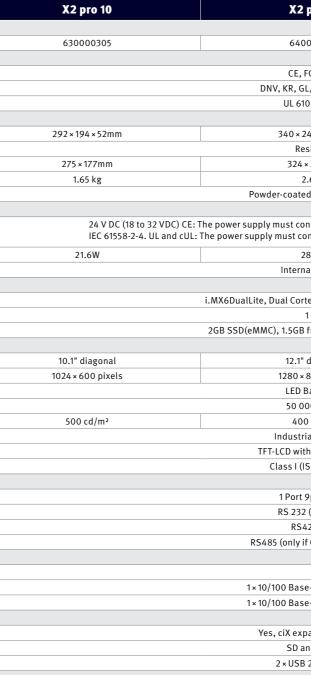
General

Marine

UL Mechanical







-10°C -20°C 15g, half-sine, 11ms ac 1g, according to I IP65, NEMA 4X/1 5% - 85%

*Certifications pending. Please refer to www.beijerelectronics.com/x2 for detailed status.

X2 pro 4

630000105

145 × 104 × 50 mm

130 × 89 mm

0.5 kg

12W

4.3" diagonal

480 × 282 pixels

50 000 hours

300 cd/m²

IP66, NEMA 4X/12 and UL Type 4X/12

X2 pro 7

630000205

204 × 143 × 50 mm

189 × 128mm

0.8 kg

14.4W

7" diagonal

800×480 pixels

20 000 hours

350 cd/m²

IP65, NEMA 4X/12 and UL Type 4X/12

CE, FCC, KCC

DNV, KR, GL, LR, ABS, CCS

UL 61010-2-201

Resistive

Powder-coated aluminum, Gray

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.

Internal DC fuse

i.MX6Solo Single Cortex-A9 1.0GHz 512kBL2cache

512 MB

2GB SSD(eMMC), 1.5GB free for application storage

LED Backlight

Industrial Dimming

TFT-LCD with LED backlight

Class I (IS09241-307)

1 Port 9pin DSUB

RS 232 (RTS/CTS)

RS422/485

RS485 (only if COM 2 is RS485)

1 1×10/100 Base-T (shielded RJ45)

NA

Yes, ciX expansion module

SD and SDHC

1×USB 2.0 500mA

-10°C to +60°C

-20°C to +70°C

15g, half-sine, 11ms according to IEC60068-2-27

1g, according to IEC 60068-2-6, Test Fc

IP20

5% – 85% non-condensed





pro 12	X2 pro 15
0000205	640000305
FCC, KCC	
L, LR, ABS, CCS	
010-2-201	
242 × 57 mm	410 × 286 × 61mm
esistive	
× 226mm	394 × 270mm
2.6 kg	3.85 kg
ed aluminum, Gray	
onform with the requirements a onform with the requirements	
28.8W	31.2W
nal DC fuse	
tex-A9 1.0GHz 512kBL2cache	
1 GB	
free for application storage	
diagonal	15.4" diagonal
800 pixels	1280×800 pixels
Backlight	
00 hours	
0 cd/m²	450 cd/m²
ial Dimming	
th LED backlight	
S09241-307)	
9pin DSUB	
2 (RTS/CTS)	
422/485	
f COM 2 is RS485)	
2	
e-T (shielded RJ45)	
e-T (shielded RJ45)	
pansion module	
ind SDHC	
3 2.0 500mA	
C to +60°C	
C to +70°C	
ccording to IEC60068-2-27	
EC 60068-2-6, Test Fc	
12 and UL Type 4X/12	
IP20	
non-condensed	