



# X2 pro web

## Web client for industrial applications

**X2 pro web** HMIs are high performance industrial HMIs with built-in HTML5 web client, strong standard certifications as well as extended classes of marine certifications. X2 pro web are perfect HMIs for enterprises and users who want to utilize HTML5 web technologies in industrial environments. X2 web HMIs offer visualization with Chromium Kiosk mode operation of single browser window web pages from SCADA systems, PLCs or other devices with built-in web servers.

- HTML5 visualization
- Available in 7, 10 and 15 inches
- TFT-LCD touch screen
- -10°C to +60°C operating temperature
- CE, FCC, KCC, UL 61010-2-201 approvals
- KR, LR, ABS, BV, CCS, NK, DNV GL marine approvals
- Robust aluminum housing with IP65, NEMA 4X/12 and UL Type 4X/12 front

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	X2 pro 7 web	X2 pro 10 web	X2 pro 15 web
<b>General description</b>			
Part number	630023505	630023605	640020605
Warranty	2 years		
<b>Certifications</b>			
General	CE, FCC, KCC, UL 61010-2-201		
Hazardous	NA		
Marine	KR, LR, ABS, BV, CCS, NK, DNV GL		
<b>Mechanical</b>			
Mechanical size	204 x 143 x 50mm	292 x 194 x 52mm	410 x 286 x 61mm
Mounting option	Panel mount, VESA 75 x 75		
Number of touches	1million finger touch operations		
Touch type	Resistive		
Cut-out size	189 x 128mm	275 x 177mm	394 x 270mm
Weight	0.8 kg	1.65 kg	3.85 kg
Housing material	Powder-coated aluminum, Gray		
<b>Power</b>			
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)	14.4W	21.6W	31.2W
Input fuse	Internal DC fuse		
<b>System</b>			
CPU	i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache	i.MX6Quad, Quad ARM Cortex-A9 1.0GHz 1MBL2cache	i.MX6Quad, Quad ARM Cortex-A9 1.0GHz 1MBL2cache
RAM	1GB	2GB	
FLASH	4GB EMMC		
<b>Software</b>			
Operating system	Linux		
Web browser	Chromium in Kiosk mode		
<b>Display</b>			
Size diagonal	7" diagonal	10.1" diagonal	15.4" diagonal
Resolution	800x480 pixels	1024x600 pixels	1280x800 pixels
Backlight	LED Backlight		
Backlight life time	20000 hours	50000 hours	
Backlight brightness	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>	450 cd/m <sup>2</sup>
Backlight dimming	Industrial dimming		
Display type	TFT-LCD with LED backlight		
<b>Communication serial</b>			
Number of serial ports	1 Port 9pin DSUB		
Serial port 1	RS 232 (RTS/CTS)		
Serial port 2	Rs422Rs485		
Serial port 3	RS485 (only if COM 2 is RS485)		
<b>Ethernet communication</b>			
Number of Ethernet ports	1	2	
Ethernet port 1	1x10/100 Base-T (shielded RJ45)		
Ethernet port 2	1x10/100 Base-T (shielded RJ45)		
<b>Expansion interface</b>			
SD card	SD and SDHC		
USB	1xUSB 2.0 500mA	2xUSB 2.0 500mA	
<b>Environmental</b>			
Operating temperature	-10°C to +60°		
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		

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