

## eX707

7" TFT color with multitouch projected capacitive touchscreen. 3 Ethernet ports, 1 serial port, 2 USB ports. JMobile runtime.



- 7" TFT color display, resolution 800x480 pixel, 16M colors. Dimmable LED backlight
- Projected capacitive touchscreen. True glass design. Multitouch operation
- 3 Ethernet ports
- SD Card slot
- 2 Plug-in modules for system expansion

### Product overview

eX Series 700 HMI products combine state-of-the-art connectivity features and top performance in a great design. Products have been designed as IoT edge devices with the combination of a powerful controller with networking capability and outstanding communication options including client/server OPC UA. They are the ideal choice for all demanding IoT edge applications in factory, marine and building automation.

The glass projected capacitive touchscreen and the brilliant 7" widescreen display with resolution of 800x480 guarantee great optical performance; with the support of multitouch gesture programming they can create the most natural human interfaces.

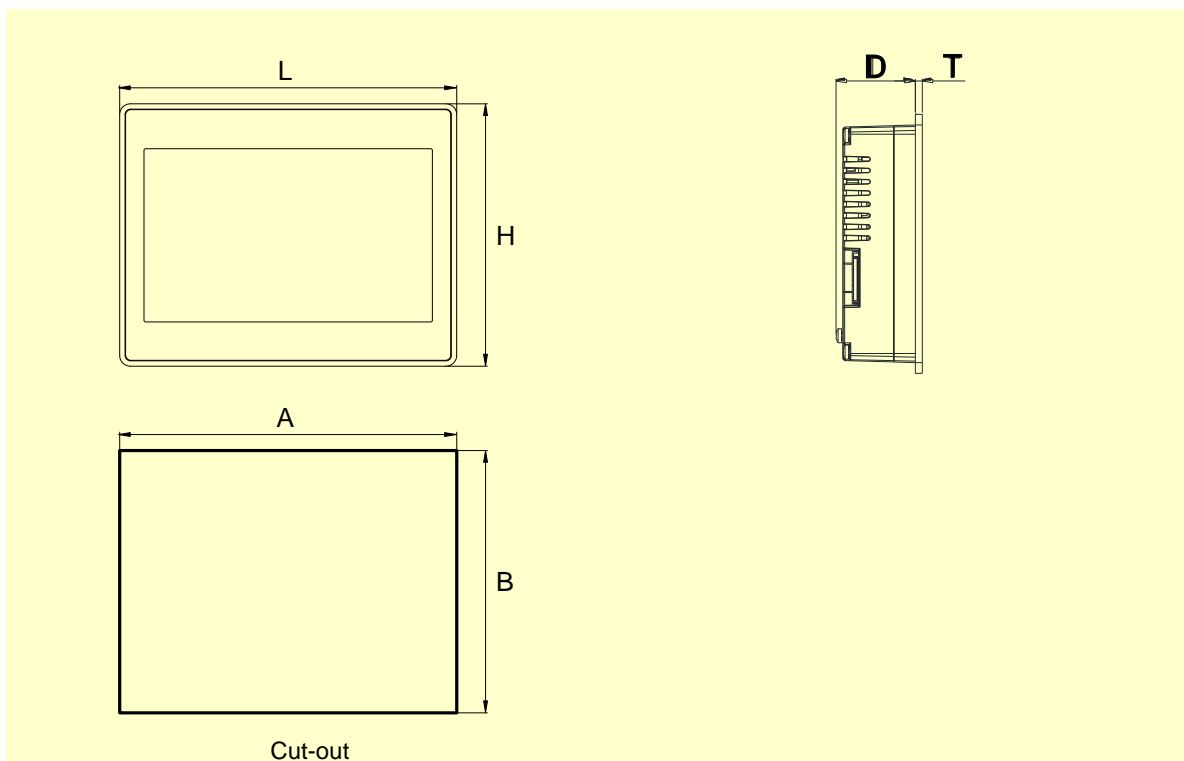
eX Series 700 HMI products have been designed to run the JMobile software.

- JMobile runtime included.
- Requires JMobile V2.5 or higher.
- Supports JMcloud secure connectivity with full network separation.
- OPC UA Server and Client.
- Optional CODESYS V3 runtime with choice of EtherCAT, Profinet, Ethernet IP and Powerlink.

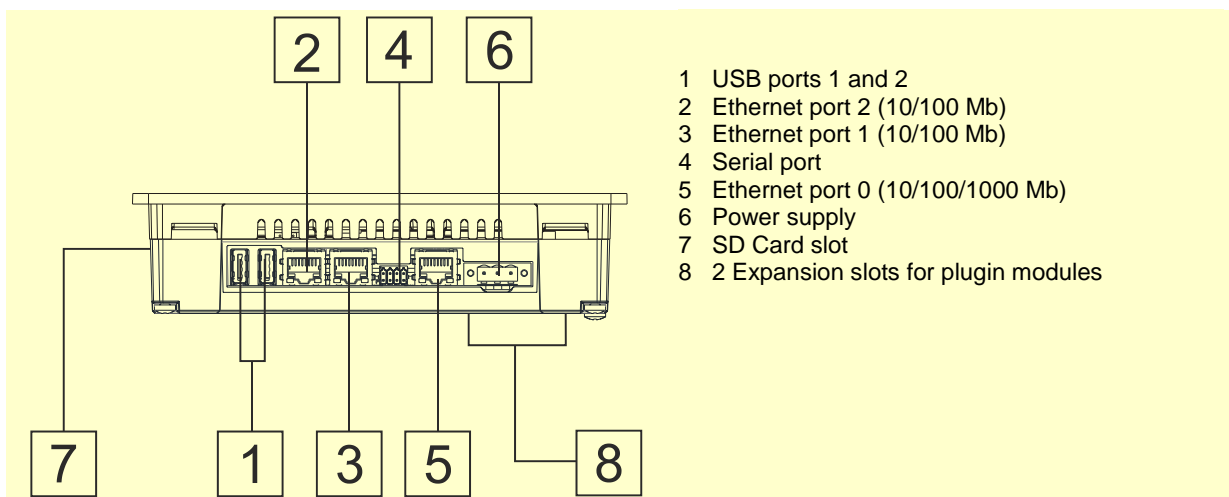
## Technical Data

<b>Display</b> Type TFT Resolution 800x480, WVGA Active display area 7" diagonal Colors 16M Backlight LED Brightness 500 Cd/m <sup>2</sup> typ. Dimming Dimmable to 0%		<b>Environment Conditions</b> Operating temperature -20° to +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C. Storage temperature -20 to +70 °C Operating and storage humidity 5 – 85 % RH, non-condensing Protection class IP66 (front) IP20 (rear)	
<b>System Resources</b> CPU ARM Cortex-A9 dual core 1 GHz Operating System Linux RT Flash 4 GB RAM 1 GB Real Time Clock Yes RTC backup Yes, rechargeable battery Buzzer Yes		<b>Dimensions and weight</b> Faceplate LxH 187x147 mm (7.36x5.79") Cutout AxB 176x136 mm (6.93x5.35") Depth D+T 47+8 mm (1.85+0.31") Weight 1.3 Kg	
<b>Operator Interface</b> Touchscreen Projected capacitive Multitouch, 2-points gestures LED indicators -		<b>Approvals</b> CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments	
<b>Interface</b> Ethernet port 0 10/100/1000 Ethernet port 1 10/100 Ethernet port 2 10/100 USB port 1 Host V2.0, max. 500 mA USB port 2 Host V2.0, max. 500 mA Serial port 1 RS-232, RS-485, RS-422, software configurable. Max 3 serial ports using plug-in modules. SD card Yes Expansion 2 slots for plug-in modules			
<b>Ratings</b> Power supply voltage 24 Vdc (10 to 32 Vdc) Current consumption 0.7 A at 24Vdc(max.) Input protection Electronic Battery Rechargeable Lithium battery, not user-replaceable			

**Dimensions**



**Connections**



**Ordering Information**

<b>Model</b>	<b>Part Number</b>	<b>Description</b>
eX707	+EX707U5P1	7" widescreen TFT color with multitouch projected capacitive touchscreen. 3 Ethernet ports, 1 serial port, 2 USB ports. JMobile runtime.

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