

# UniOP eTOP610

eTOP Series 600 HMI products combine state-of-the-art features and top performance with an outstanding design. They are the ideal choice for all demanding HMI applications including factory and building automation.

The glass projected capacitive touchscreen and the brilliant 10.1" widescreen display with resolution of 1280x800 guarantee great optical performance and are up to the most demanding user interface requirements

The JMobile software offers full vector graphic and plenty of connectivity options.



- 10.1" TFT color display, resolution 1280x800 pixel, 64K colors
- LED backlight dimmable to 0%
- Projected capacitive touchscreen. True glass design
- 2 Ethernet ports with switch function
- 2 USB Host ports
- SD Card slot
- Plug-in modules for system expansion

## Highlights

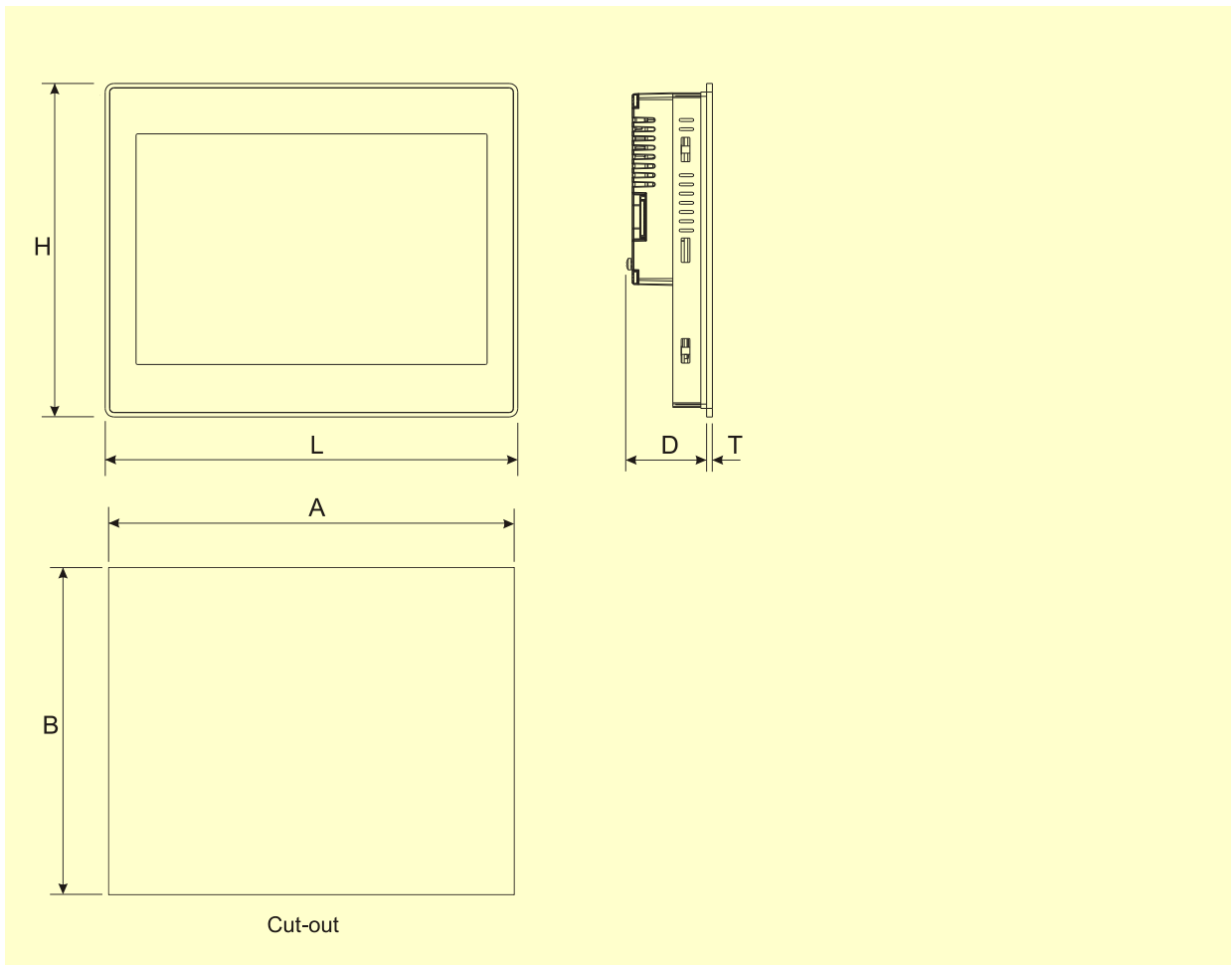
The eTOP Series 600 HMI panels have been designed to run the JMobile software and are fully compatible with JMobile Studio.

- JMobile runtime included.
- Full vector graphic support. Native support of SVG graphic objects. Transparency and alpha blending.
- Full object dynamics: control visibility and transparency, move, resize, rotate objects on screen. Change properties of basic and complex objects.
- TrueType fonts
- Multilanguage applications. Easily create and manage your applications in multiple languages to meet global requirements.
- Rich set of state-of-the-art HMI features: graphical presentation of data presentation, data acquisition, alarm handling, scheduler and timed actions, recipe data storage, users and passwords, e-mail and RSS feeds, rotating menus.
- Indexed addressing and cross-reference viewer.
- Wide selection of communication drivers for factory and building automation.
- Multiple drivers communication capability.
- Remote monitoring and control. Client-Server functionality. Mobile clients supported.
- Remote maintenance and support with VNC-based functionality.
- Off-line and on-line simulation of the HMI application with JMobile Studio.
- Powerful scripting language for automating HMI applications. Includes script debugger.
- Create and print reports to printers and to file.
- Page templates to simplify application design.
- Rich gallery of symbols and objects.
- Includes PDF reader.
- Mediaplayer widget
- IP camera widget
- Optional CODESYS PLC
- Rich gallery of symbols and objects.

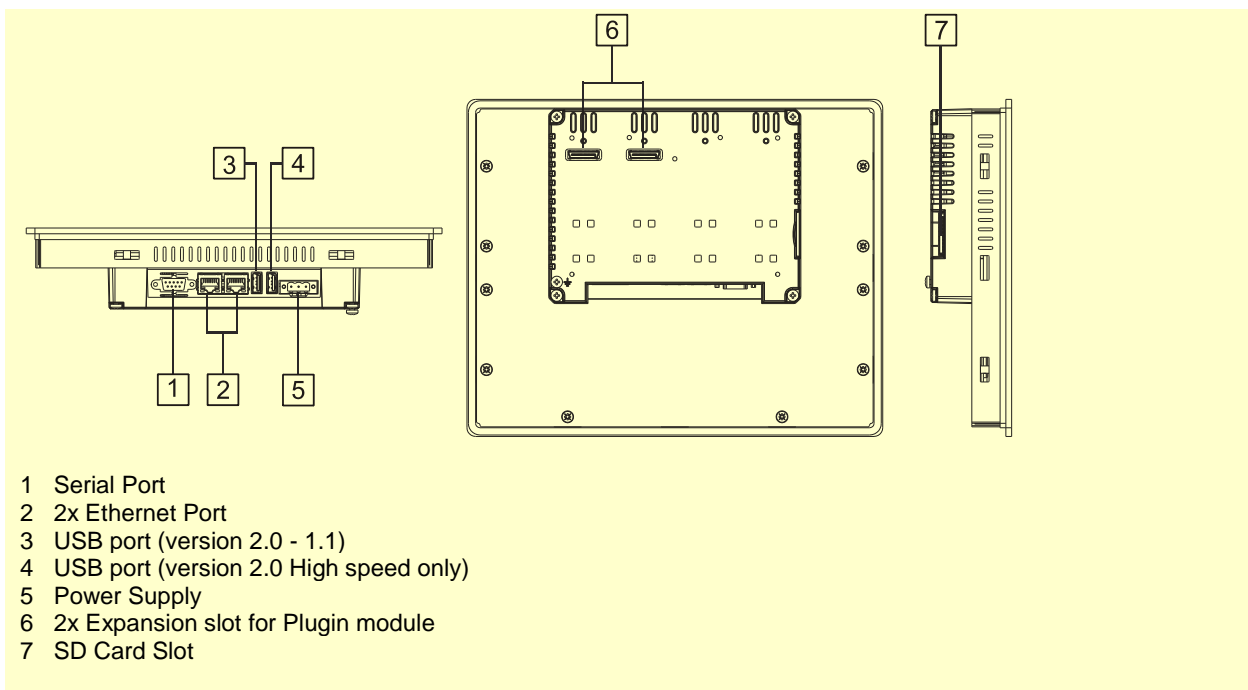
## Technical Data

<b>Display</b> Type Resolution Active display area Colors Backlight Brightness Dimming	TFT 1280x800, WXGA 10.1" diagonal 64K LED 300 Cd/m <sup>2</sup> typ. Dimmable to 0%	Battery Rechargeable Lithium battery, not user-replaceable
<b>System Resources</b> Operating System User memory RAM	Microsoft Windows CE 6.0 256 MB Flash 256MB DDR	<b>Environmental Conditions</b> Operating temperature Storage temperature Operating and storage humidity Protection class
<b>Operator Interface</b> Touchscreen LED indicators	Projected capacitive -	-20° to +60 °C (vertical installation) Plug-in modules and USB devices may limit max temperature to +50 °C. -20 to +70 °C 5 – 85 % relative humidity, non-condensing IP66 (front) IP20 (rear)
<b>Interface</b> Ethernet USB Serial Memory Card Expansion	2 10/100 Mbit with integrated Switch 2 Host Interfaces (1x version 2.0, 1x version 2.0 and 1.1) RS-232, RS-485, RS-422, software configurable. Max 3 serial ports with optional plug-in modules. SD Card slot 2 slots for optional plug-in modules	<b>Dimensions</b> Faceplate LxH Cutout AxB Depth D+T
<b>Functionality</b> Hardware Real Time Clock Screen saver Buzzer	Yes, with battery back-up Yes Yes, audible feedback for touchscreen	<b>Approvals</b> CE Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments DNV Pending approval DNV Type Approval Certificate ATEX Pending approval Zone 2/22, II 3G / II 3D UL Pending approval cULus Haz. Loc. Class I, Division 2, Groups A,B,C and D. C-Tick Pending approval C-Tick mark
<b>Ratings</b> Power supply voltage Current consumption Fuse Weight	24 Vdc (10 to 32 Vdc) 1.0 A at 24Vdc(max.) Automatic Approx 1.7 Kg	

**Dimensions**



**Connections**



- 1 Serial Port
- 2 2x Ethernet Port
- 3 USB port (version 2.0 - 1.1)
- 4 USB port (version 2.0 High speed only)
- 5 Power Supply
- 6 2x Expansion slot for Plugin module
- 7 SD Card Slot

**Ordering Information**

<b>Model</b>	<b>Part Number</b>	<b>Description</b>
eTOP610	+ETOP610U5P1	10.1" widescreen TFT color with projected capacitive touchscreen. Ethernet and USB interfaces. JMobile runtime.

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**Ver. 1.1**

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