

# 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.

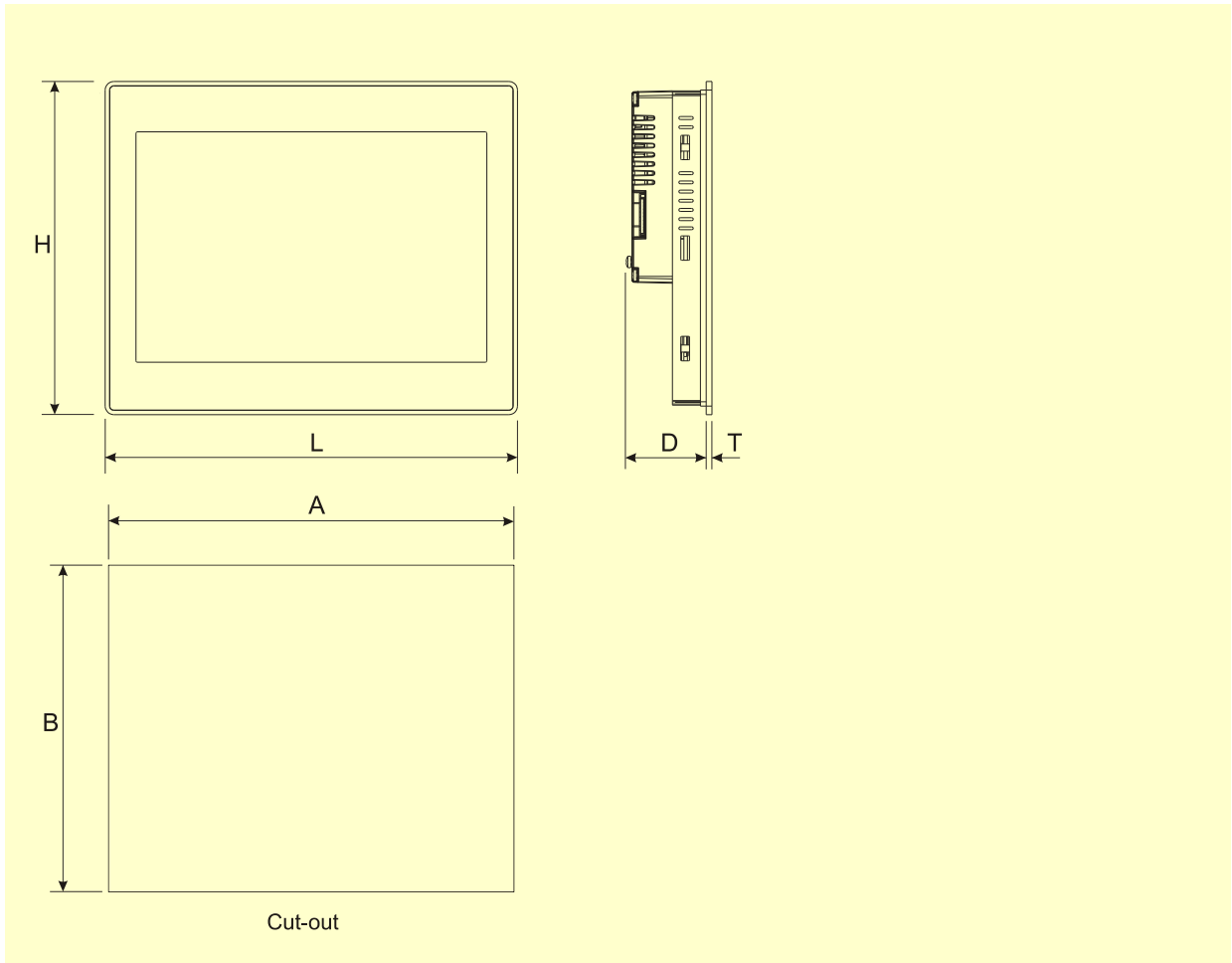
- JMobile runtime included. Full compatibility with JMobile Studio.
- Full vector graphic support. Native support of SVG graphic objects. Transparency and alpha blending.
- Full object dynamics: control visibility and transparency, move, resize, rotate objects on screen. Change properties of basic and complex objects.
- TrueType fonts
- Multilanguage applications. Easily create and manage your applications in multiple languages to meet global requirements. Far East languages are supported. Tools available in JMobile Studio support easy third-party translations and help reducing development and maintenance costs of the application.
- Rich set of state-of-the-art HMI features: graphical presentation of data presentation, data acquisition, alarm handling, scheduler and timed actions (daily and weekly schedulers, exception dates), recipe data storage, users and passwords, e-mail and RSS feeds, rotating menus.
- Includes support for a wide selection of communication drivers for factory automation 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. Script debugging improves efficiency in application development.
- Create and print reports to printers and to file.
- PDF Reader
- Page templates to simplify application design.
- Rich gallery of symbols and objects.



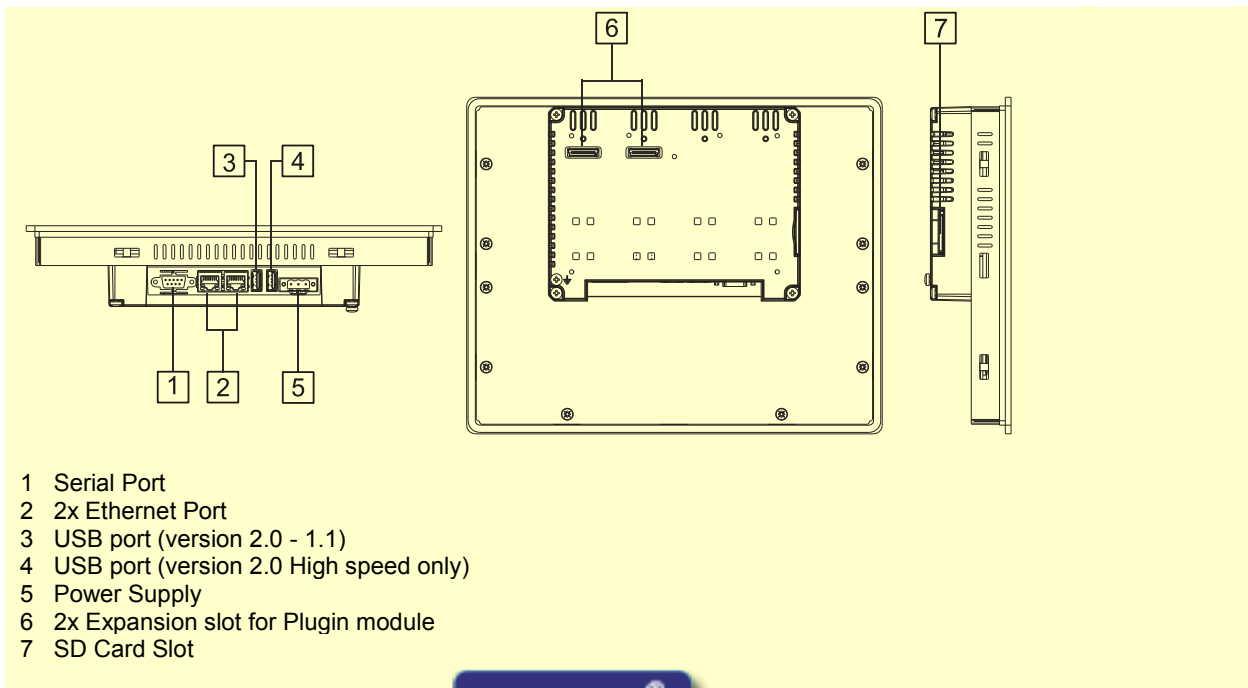
## Technical Data

<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%	Weight Battery	Approx 1.7 Kg 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	-20° to +50 °C (vertical installation) -20 to +70 °C 5 – 85 % relative humidity, non-condensing IP66 (front) IP20 (rear)
<b>Operator Interface</b> Touchscreen LED indicators	Projected capacitive -	<b>Dimensions</b> Faceplate LxH Cutout AxB Depth D+T	282x197 mm (11.10x7.80") 271x186 mm (10.67x7.32") 56+8 mm (2.20+0.33")
<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>Approvals</b> CE DNV Pending approval ATEX Pending approval UL Pending approval C-Tick Pending approval	Emission EN 61000-6-4 Immunity EN 61000-6-2 for installation in industrial environments DNV Type Approval Certificate Zone 2/22, II 3G / II 3D UL508 Listed Haz. Loc. Class I, Division 2, Groups A,B,C and D. C-Tick mark
<b>Functionality</b> Hardware Real Time Clock Screen saver Buzzer	Yes, with battery back-up Yes Yes, audible feedback for touchscreen		
<b>Ratings</b> Power supply voltage Current consumption Fuse	24 Vdc (10 to 32 Vdc) 1.0 A at 24Vdc(max.) Automatic		

**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

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

ptn0436

Ver. 1.0

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