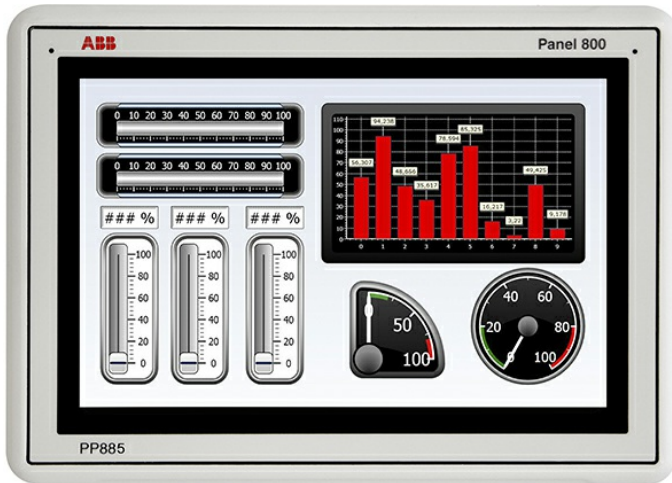


# PP885

## System 800xA hardware selector



Designed to provide intuitive, fast response rates, ready-to-use templates and libraries, multiple language support and more. The PP882 and PP885 are designed as a cost-effective, safe and efficient way of monitoring and controlling complex HMI applications.

The high performance panels provides improved process visibility through high-resolution widescreen in 12.1" and 15.4", 262,000 color TFT/LED display with quicker access to multiple applications and an easy-to-use and navigate touchscreen interface.

### Features and benefits

- Easy to use**  
 A fully deployable HMI with comprehensive and integrated templates and libraries for every conceivable process. The Panel Builder tool, with familiar Microsoft® Windows® environment along with multiple language support results in remarkably quick, easy and efficient engineering.
- State-of-the-arts graphics**  
 Vector-based, high-resolution graphics in TFL/LED display, with icon-based interface, navigation and control.
- Robust and reliable**  
 Panel 800 is constructed in a strong yet lightweight diecast, powder-coated aluminum housing. IP65/IP20 front casing withstands wet, dusty and demanding environments. Operating temperatures ranging between -10° C to +50° C with maximum 85% humidity.
- Truly open platform**  
 Built on open architecture and technologies that accompany the .NET framework, these panels are capable of multi-brand controller connectivity. A multitude of connection options are available for local communication, expansion, remote access and more.
- Try your application before you use it**  
 Nice possibility to simulate and run the application directly from the Panel Builder 800 before you use it.

<b>General info</b>	
Article number	3BSE069276R1
Category	High performance
Display type	Touch
Display size	15.4"
Brightness	Standard brightness (450 cd/m <sup>2</sup> )
Display resolution, ratio	1280 x 800 (16:10)
Processor	Intel® Atom (1.1GHz)
Main memory	1GB (DDR2)
External storage media	1 x SD card (or SDHC with latest image loaded)
Dimension WxHxD (mm)	410 x 286 x 83
Net weight (kg)	3.85
Power supply	+24 VDC (18-32 VDC)
Operating temperature	-10 to +50 °C

<b>Detailed data</b>	
View angle (H/V)	160° / 140°
Dimming	Yes
Interaction type	Resistive touch, 1 million finger touch operations
Realtime clock	Yes
Ethernet (shielded RJ 45)	2 built-in ports: 1 x 10/100/1000 Mbit/s, 1 x 100 Mbit/s
USB	3 x USB 2.0, max. 500 mA
Serial port	2 combined ports: 2 x RS232, 2 x RS422/485

<b>Environmental and certification</b>	
Frame material, front foil	Powder-coated aluminum, Polyester Autotex EBA180L
Power consumption	24W
Protection (front/rear)	IP65 / IP20
Relative operating humidity	5-85% non-condensing
Storage temperature	-20 to +70 °C
Vibration and shock	0.7 G / 10 G
CE-marking	CE
UL	UL 508
RoHS compliance	EN 50581:2012

<b>Dimensions</b>	
Dimension WxHxD (mm)	410 x 286 x 83
Cut-out dimension WxH (mm)	394 x 270
Mounting depth mm. (Including clearance)	76 (176)
Mounting	Panel Mount and VESA 75 x 75

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[www.abb.com/800xA](http://www.abb.com/800xA)  
[www.abb.com/controlsystems](http://www.abb.com/controlsystems)

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