



Section 4 Technical Data

Parameter	PP885
Display	15.4"
Front panel, W × H × D	410 × 286 × 7 mm
Cut out dimensions, W × H	394 × 270 mm
Mounting depth	76 mm (176 mm including clearance)
Standalone mounting	VESA 75 × 75 Note: Maximum screw length for VESA mounting is 4 mm. Usage of longer screws may lead to damage.
Front panel seal	IP 65
Rear panel seal	IP 20
Touch screen material	Polyester on glass, resistive. Overlay: Autoflex EBA 180L ⁽¹⁾ .
Touch screen operations	1 million finger touch operations
Reverse side material	Powder-coated aluminum
Frame material	Powder-coated aluminum
Weight	3.85 kg
Serial port for COM1 RS232 and COM2 RS422/RS485	9-pin D-sub contact with RS232 RTS/CTS, chassis-mounted female with standard locking screws 4-40 UNC
Serial port for COM3 RS232 and COM4 RS422/RS485	9-pin D-sub contact with RS232 RTS/CTS, chassis-mounted female with standard locking screws 4-40 UNC

Parameter	PP885
Ethernet	1 × 10/100/1000 Base-T (shielded RJ45)
USB	3 × USB Host 2.0, max output current 500 mA
Processor	Intel® Atom
External storage media	1 × SD card (optional). Only compatible with the standard SD format with up to 2 GB storage capacity.
Flash memory (application memory)	2 GB SSD (NAND Flash)
Memory RAM	1 GB (DDR2)
LED	1 × multi-color
Real time clock	Yes (on chip)
Battery	Lithium battery type BR 2032 (or CR 2032)
Power consumption at rated voltage 12 V / 24 V respectively	24 W
Fuse	3.15 A Slow
Power supply	+24 V DC (18 to 32 V DC) 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.
Display	TFT-LCD with LED backlight 1280 × 800 pixels, 262 k colors
Screen brightness	450 cd/m ²
Screen viewing angle	Horizontal: 160°, Vertical: 140°
Backlight lifetime	50,000 hours
Active area of display, W × H	331.2 × 207.0 mm
Operating temperature	-10 °C to +50 °C
Storage temperature	-20 °C to +70 °C
Relative humidity in operation	5% – 85% non-condensed

Parameter	PP885
CE approvals	The equipment conforms completely with the following stated standards or technical specifications: <ul style="list-style-type: none">— EMC Directive 2004/108/EC— EMC Directive 2004/108/EC + A1:2011— Low Voltage Directive 2006/95/EC— Emission: EN 61000-6-4:2007— Immunity: EN 61000-6-2:2005
DNV approval	No
UL approval	Yes, UL 508.

⁽¹⁾ See section [Chemical Resistance](#) for more information.