

Product data sheet

Specifications



multi touch screen, Harmony iPC, S panel PC optimized, HDD, 10inch wide display, DC, Windows 10

HMIPSOH552D1801

Main

Range Of Product	Harmony iPC
Product Or Component Type	Multi-touch screen
Processor Name	Intel Atom E3827 dual core at 1.75 GHz
Chipset Type	Intel Atom SoC
Free Slots	1 Internal SATA HDD/SSD 1 CFast
Display Size	10.1 inch
Display Colour	267000 colours
Luminance	300 cd/m²
Pixel Resolution	4096 x 4096
Video Controller Type	Intel HD Graphics
Operating System	Windows 10 IoT Enterprise 64 bitmulti-language
Software Package	EcoStruxture secure connect advisor annual subscription cyber security license not included EcoStruxture Operator Terminal Expert run time HMI license not included EcoStruxture Machine SCADA Expert run time HMI/SCADA on configured offer only EcoStruxture augmented operator advisor server augmented operator license not included

Complementary

Number Of Points	5
Terminal Type	Touchscreen display
Memory Type	4 GB RAM DDR3 internal
Data Storage Equipment	500 GB extension back side enterprise hard disk
Aspect Ratio	16:9
Display Type	LED Colour TFT LCD
Display Resolution	1280 x 800 pixels WSVGA
Backlight Lifespan	50000 hours
View Angle Horizontal X Vertical	160 x 160°
Touch Panel	Projected capacitive technology (PCT)
Type Of Cooling	Passive Fanless
Watchdog Timer	1...255 ms
Number Of Slots	1 mini PCI Express full-size

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Us] Rated Supply Voltage	24 V DC +/- 20 % 100...240 V AC with additional adaptor HMIYPSOMAC1
[In] Rated Current	1.9 A
Mechanical Robustness	Hardness anti-scratch 7H
Local Signalling	Buzzer LED (green) for on LED (orange) for stand-by
Function Available	Operate with water on screen
Width	283.1 mm
Height	202.3 mm
Depth	85.5 mm
Cut-Out Dimensions	274.6 (+/- 0.7) x 193.8 (+/- 0.4)
Net Weight	2.5 kg
Display Size	10" wide multi-touch
Main Type	Optimised

Environment

Ip Degree Of Protection	IP66 front panel:
Product Certifications	CE EAC AS/NZS CCC RCM C-Tick
Standards	CSA C22.2 No 60950 UL 60950 IEC 61000-6-4 CISPR 11 IEC 60950 FCC part 15 class A IEC 61000-6-2
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive
Pollution Degree	2
Ambient Air Temperature For Operation	0...55 °C SSD 0...55 °C Cfast card 0...45 °C HDD 0...45 °C Mini PCIe
Ambient Air Temperature For Storage	-20...60 °C
Relative Humidity	10...95 % non-condensing
Operating Altitude	2000
Vibration Resistance	1 gn (f = 5...500 Hz)HDD 2 gn (f = 5...500 Hz)SSD 2 gn (f = 5...500 Hz)Cfast card

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.1 cm
Package 1 Width	20.2 cm
Package 1 Length	28.3 cm

Package 1 Weight	2.6 kg
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

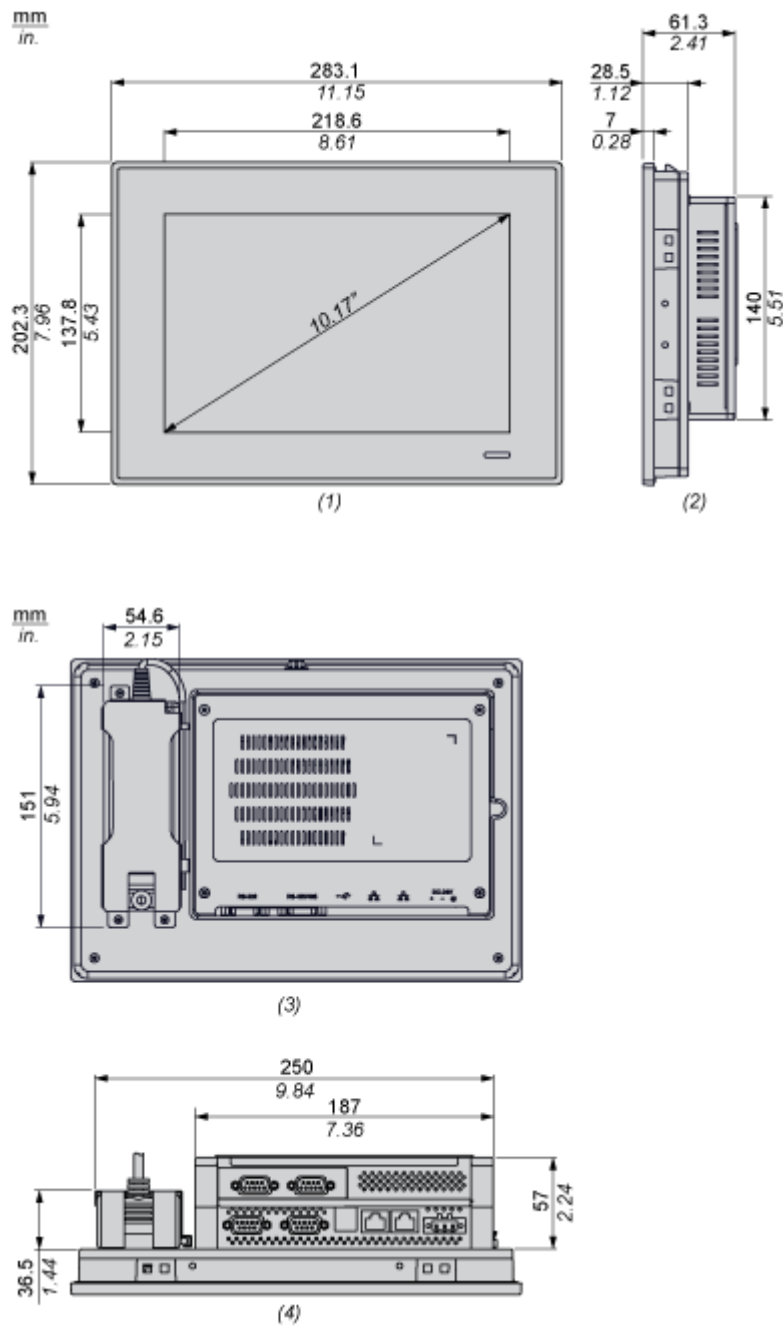
✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

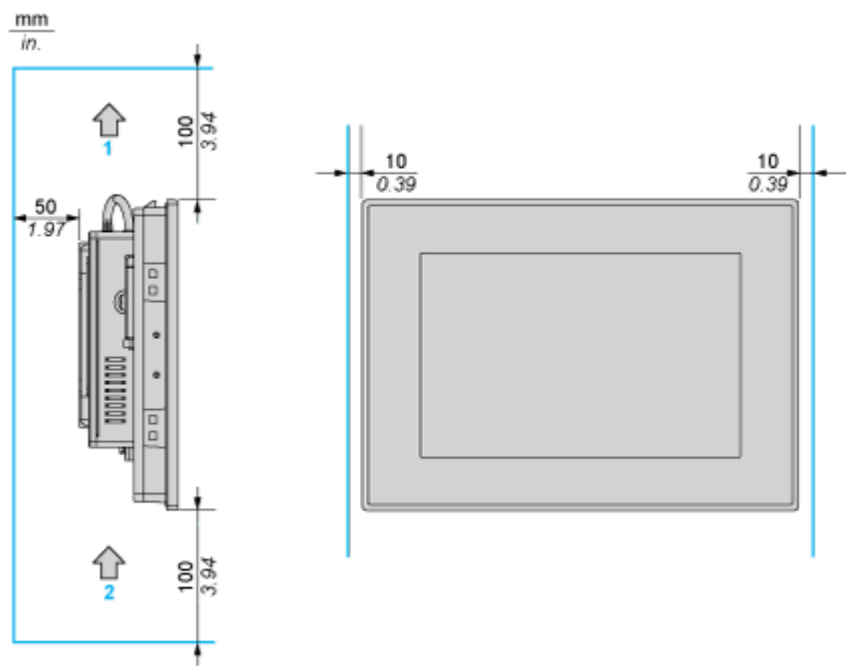
Dimensions



- (1) Front view
- (2) Right view
- (3) Back view
- (4) Bottom view

Mounting and Clearance

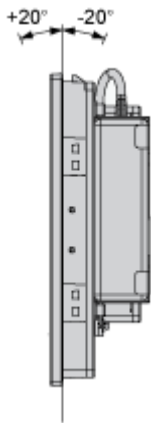
Spacing Requirements



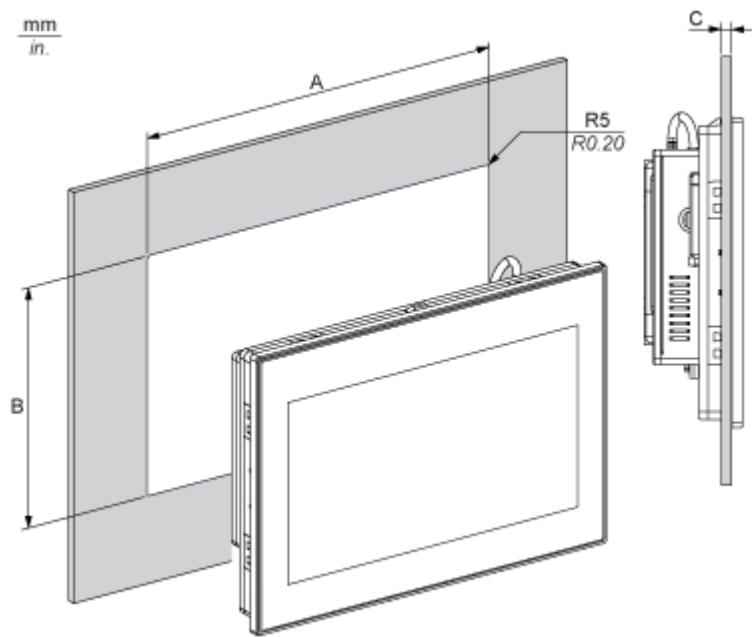
1 : Air out

2 : Air in

Mounting Orientation



Panel Cut Dimensions



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
274.6	10.81	193.8	7.63	2...6	0.08...0.23	5	0.20