

Product data sheet

Specifications



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

HMIPSOH552D1801

⚠ To be discontinued

⚠ To be discontinued on: Apr 30, 2025

⚠ To be end-of-service on: Apr 30, 2029

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3,552.00 USD

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	27.9 fc (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 EcoStruxure Operator Terminal Expert run time HMI license not included EcoStruxure Machine SCADA Expert run time HMI/SCADA on configured offer only EcoStruxure 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°

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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
[Us] rated supply voltage	24 V DC +/- 20 % 100...240 V AC with additional adaptor HMIYPSOMAC1
Line Rated Current	1.9 A
Mechanical robustness	Hardness anti-scratch 7H
Local signalling	buzzer for on LED (green) for stand-by LED (orange)
Function Available	Operate with water on screen
Width	11.1 in (283.1 mm)
Height	8.0 in (202.3 mm)
Depth	3.4 in (85.5 mm)
Cut-out dimensions	274.6 (+/- 0.7) x 193.8 (+/- 0.4)
Net Weight	5.5 lb(US) (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	32...131 °F (0...55 °C) SSD 32...131 °F (0...55 °C) Cfast card 32...113 °F (0...45 °C) HDD 32...113 °F (0...45 °C) Mini PCIe
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative Humidity	10...95 % non-condensing
Operating altitude	2000
Vibration resistance	1 gn 5...500 Hz)HDD 2 gn 5...500 Hz)SSD 2 gn 5...500 Hz)Cfast card

Ordering and shipping details

Category	US10MC322575
Discount Schedule	0MC3
GTIN	3606480853357
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.40 in (6.1 cm)
Package 1 Width	7.95 in (20.2 cm)
Package 1 Length	11.14 in (28.3 cm)
Package 1 Weight	5.7 lb(US) (2.6 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[How this information helps you >](#)

Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
--	----

Packaging without single use plastic	No
--------------------------------------	----

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
-------------------	---

SCIP Number	3fe7d895-f8a3-452a-ad75-1d17e7e6e6eb
-------------	--------------------------------------

REACH Regulation	REACH Declaration
------------------	-----------------------------------

China RoHS Regulation	China RoHS declaration
-----------------------	--

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
---------------------------	--

Use Again

 Repack and remanufacture

Circularity Profile

[End of Life Information](#)

WEEE



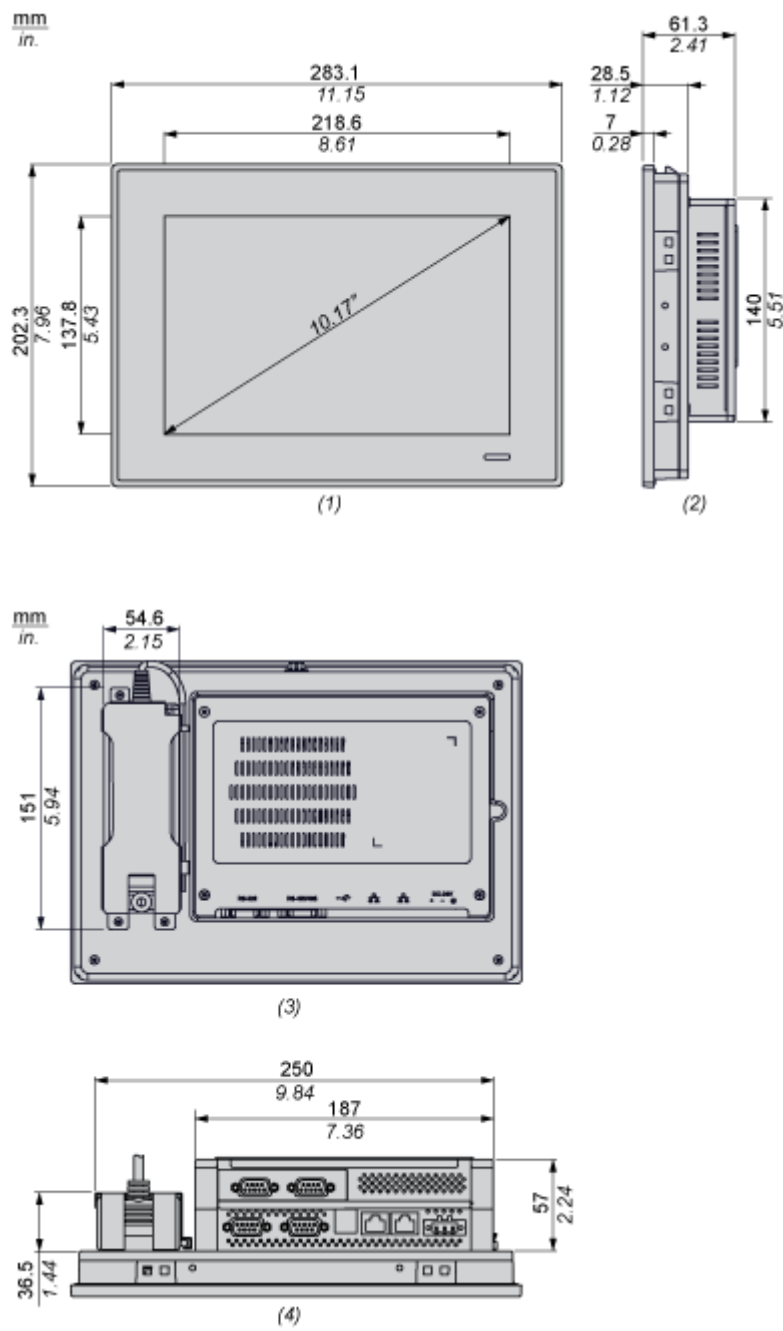
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Take-back

No

Dimensions Drawings

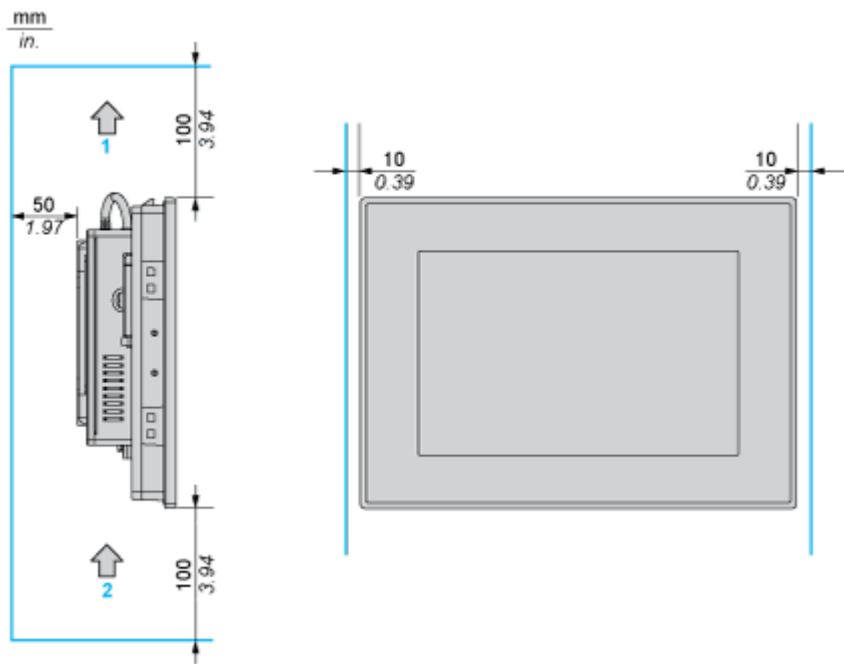
Dimensions



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

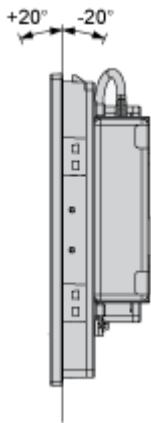
Mounting and Clearance

Spacing Requirements

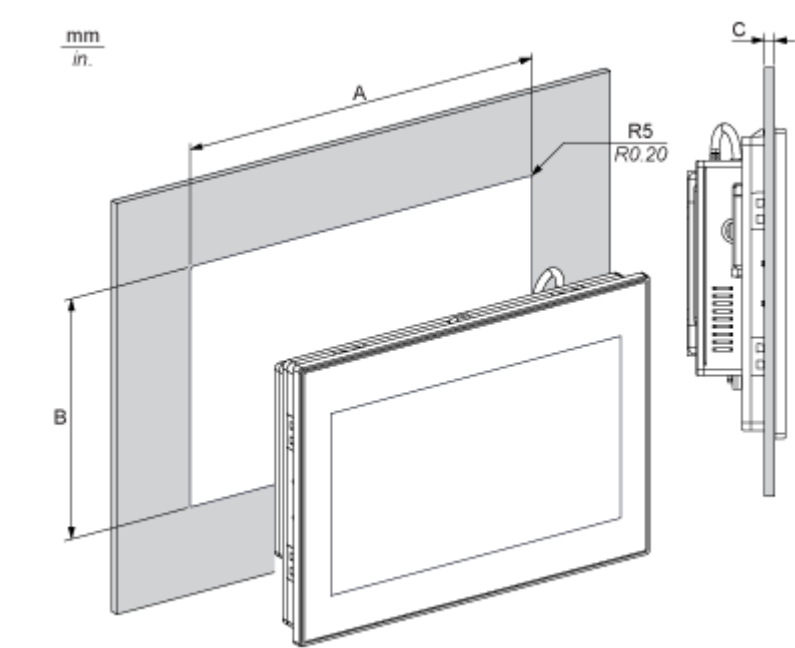


- 1 : Air out
- 2 : Air in

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