Product data sheet

Specifications



multi touch screen, Harmony iPC, S panel PC optimized, 1 CFast, 10inch wide display, DC, WES

HMIPSOC552D1W01

Discontinued - Service only

Discontinued on: Jun 20, 2025

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

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

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 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	WES 7 Premium SP1 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	32 GB back side CFast card
Aspect ratio	16:9
Display Type	Colour TFT LCD LED
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

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

Watchdog timer	1…255 ms
[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 LED (green) for on LED (orange) for stand-by
Function Available	Operate with water on screen
Width	11.1 in (283.1 mm)
Height	8.0 in (202.3 mm)
Depth	2.4 in (61.3 mm)
Cut-out dimensions	274.6 (+/- 0.7) x 193.8 (+/- 0.4)
Product 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	C-tick CCC EAC CE AS/NZS RCM
Standards	CSA C22.2 No. 60950 IEC 60950 IEC 61000-6-2 IEC 61000-6-4 FCC Part 15 class A UL 60950 CISPR 11
Directives	2006/95/EC - low voltage directive 2004/108/EC - electromagnetic compatibility
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	3606480853371
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.4 in (6.1 cm)
Package 1 Width	8.0 in (20.2 cm)
Package 1 Length	11.1 in (28.3 cm)
Package weight(Lbs)	5.7 lb(US) (2.6 kg)

Contractual warranty

Warranty (in months)	18

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.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**2 230 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**230 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.8 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**1 994 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**4 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

F-gas usage performance	**Only air and vacuum used for insulation / breaking, no F-gas including SF6**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**3fe7d895-f8a3-452a-ad75-1d17e7e6e6eb**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**
Silicon free	**No**

Use Longer

Lifetime extension

Repair	**No**

Use Again

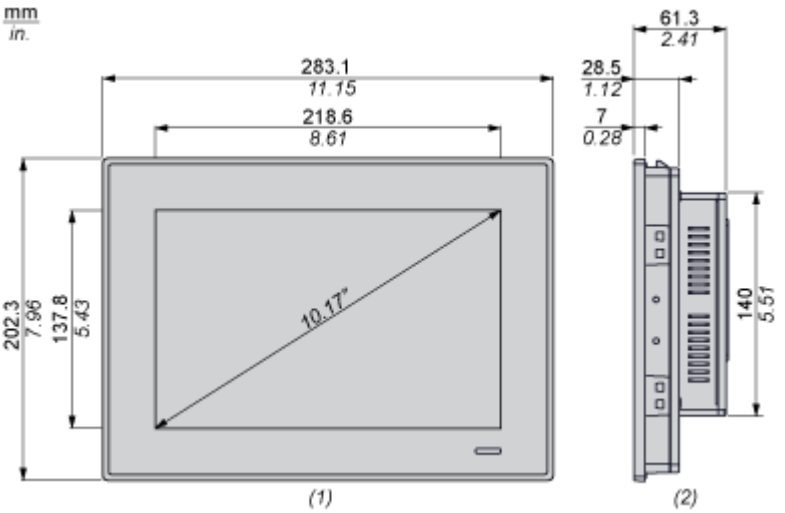
Repack and remanufacture

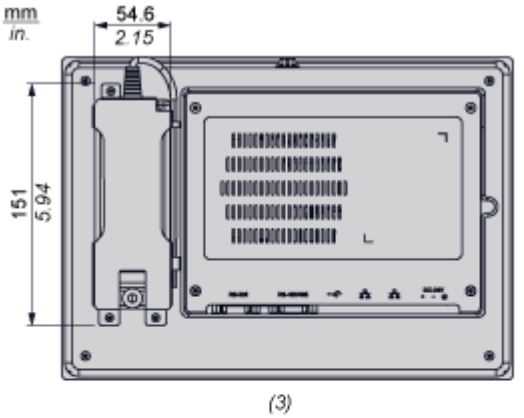
Recyclability potential, in %	**48**

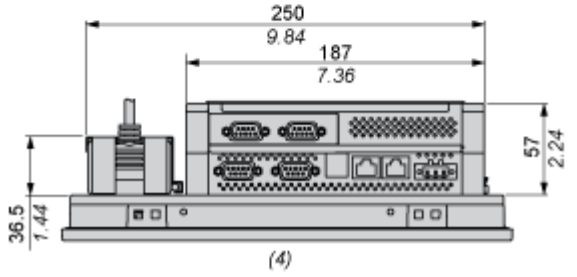
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions







(1) Front view

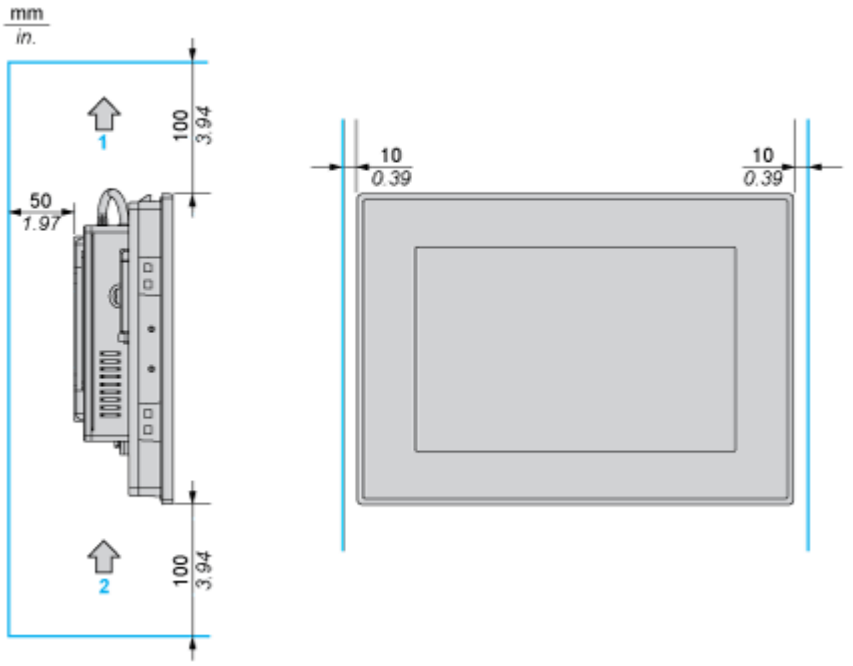
(2) Right view

(3) Back view

(4) Bottom view

Mounting and Clearance

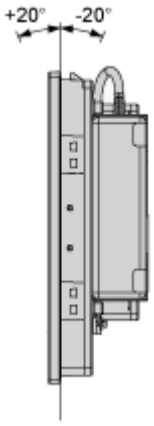
Spacing Requirements



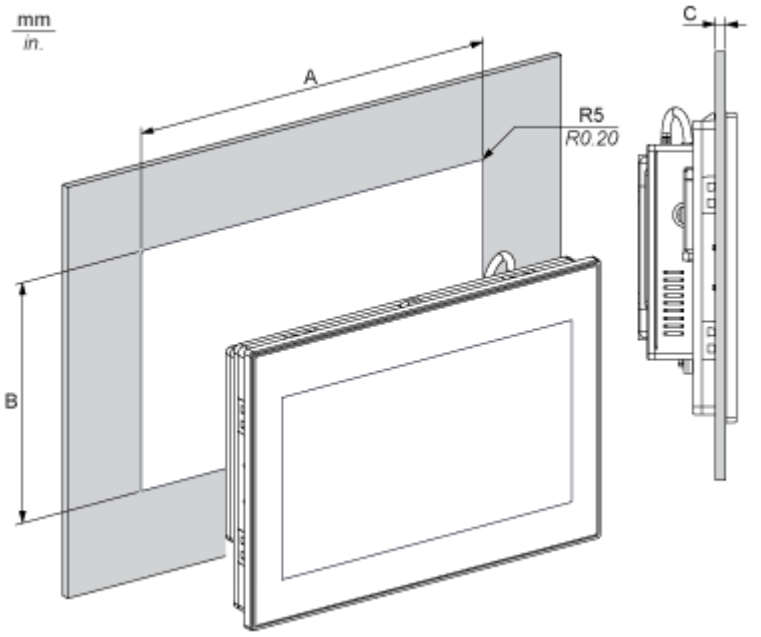
1 : Air out

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