# Product data sheet

Specifications

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

HMIPSOH552D1801

⚠ Discontinued on: Apr 30, 2025

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

⚠ **To be discontinued**

**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 Internal SATA HDD/SSD<br>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<br>EcoStruxure Operator Terminal Expert run time HMI license not included<br>EcoStruxure Machine SCADA Expert run time HMI/SCADA on configured offer only<br>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<br>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) |

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

| type of cooling | Passive<br>Fanless |
|---|---|
| Watchdog timer | 1…255 ms |
| Number of slots | 1 mini PCI Express full-size |
| [Us] rated supply voltage | 24 V DC +/- 20 %<br>100...240 V AC with additional adaptor HMIYPSOMAC1 |
| Line Rated Current | 1.9 A |
| Mechanical robustness | Hardness anti-scratch 7H |
| Local signalling | Buzzer<br>LED (green) for on<br>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 | 3.4 in (85.5 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 | CE<br>EAC<br>AS/NZS<br>CCC<br>RCM<br>C-tick |
| Standards | CSA C22.2 No. 60950<br>UL 60950<br>IEC 61000-6-4<br>CISPR 11<br>IEC 60950<br>FCC Part 15 class A<br>IEC 61000-6-2 |
| Directives | 2004/108/EC - electromagnetic compatibility<br>2006/95/EC - low voltage directive |
| Pollution degree | 2 |
| Ambient air temperature for operation | 32…131 °F (0…55 °C) SSD<br>32…131 °F (0…55 °C) Cfast card<br>32…113 °F (0…45 °C) HDD<br>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<br>2 gn 5…500 Hz)SSD<br>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.

Environmental Data explained >

How we assess product sustainability >

## Environmental footprint

| | |
|---|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | **2230** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

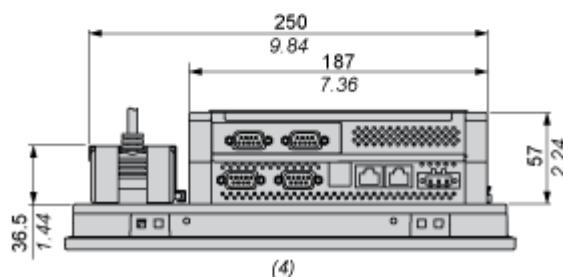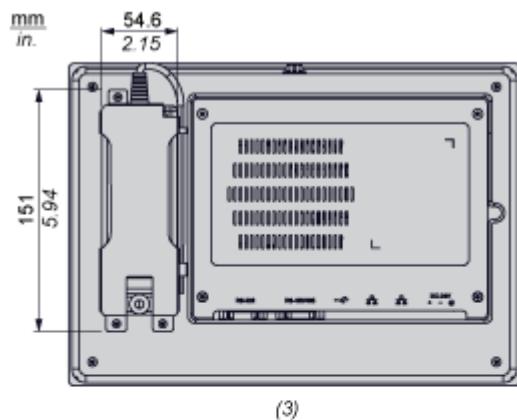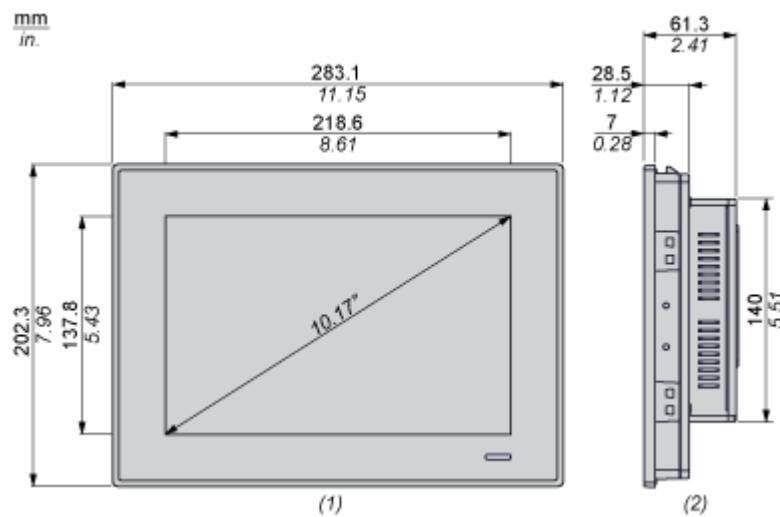| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Pro-active compliance (Product out of EU RoHS legal scope)** |
| SCIP Number | **3fe7d895-f8a3-452a-ad75-1d17e7e6e6eb** |
| REACh Regulation | **REACh Declaration** |
| 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** |
| Take-back | **No** |
| WEEE | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |

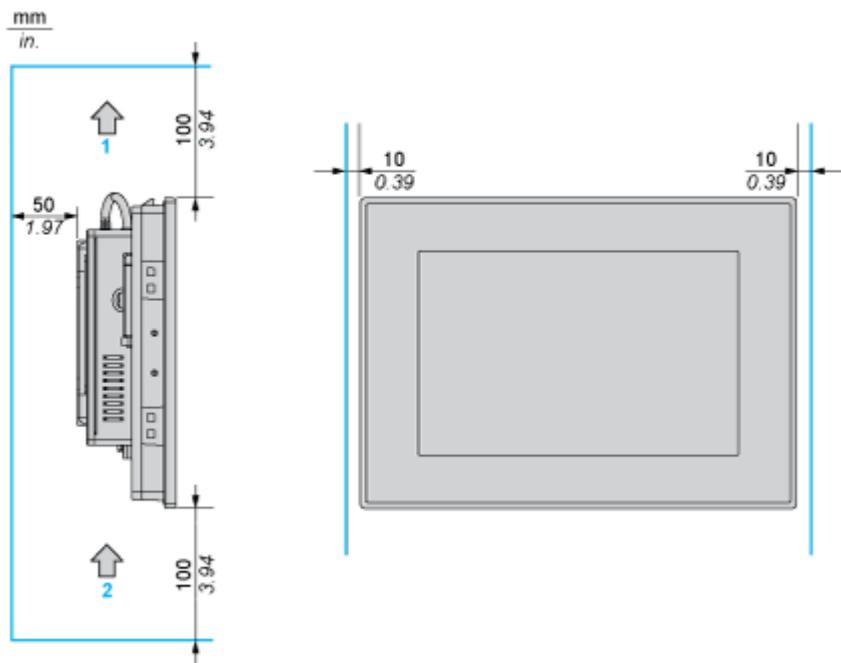Dimensions Drawings

## Dimensions



(1)

(2)

(3)

(4)

(1)     Front view
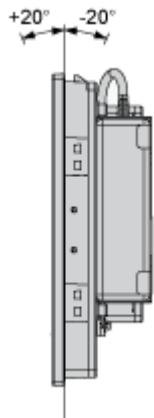
(2)     Right view

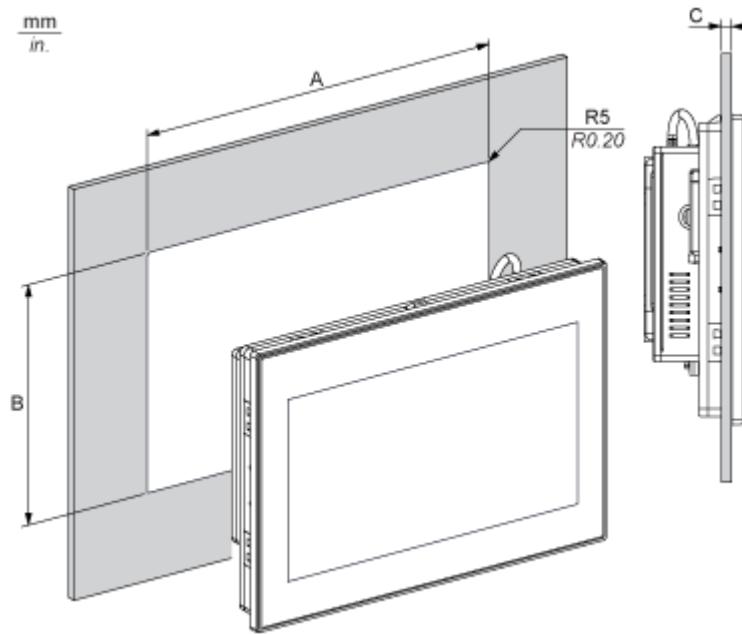(3)     Back view

(4)     Bottom view

Mounting and Clearance

**Spacing Requirements**



1 :    Air out

2 :    Air in

**Mounting Orientation**

+20°   -20°

**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 |