

# Product data sheet

Specifications



## Panel PC Optimum - Compact Flash - 15" - DC - Fanless

HMIPWC7D0E01

⚠ Discontinued on: Jun 30, 2016

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

### Main

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Range of Product                        | Harmony iPC                                     |
| Product or Component Type               | PC panel                                        |
| Terminal type                           | Touchscreen display                             |
| Processor name                          | Atom Z510 1.1 GHz cache                         |
| Chipset type                            | Intel US15W 400 MHz                             |
| Data storage equipment                  | Compact Flash card 2 GB SLC                     |
| Number of slots available for expansion | 1 Compact Flash card<br>1 SD card               |
| Display size                            | 15 inch                                         |
| Display Type                            | Active matrix colour TFT LCD with LED backlight |
| Display Resolution                      | 1024 x 768 pixels XGA                           |
| Display colour                          | 16 million colours                              |

### Complementary

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Luminance                        | 32.5 fc (350 cd/m²)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| View angle horizontal x vertical | 160 x 100°                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Touch panel                      | Analogue resistive                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Memory Type                      | 1 GB RAM DDR2<br>512 KB SRAM                                                                                                                                                                                                                                                                                                                                                                                                         |
| Video controller type            | Intel Graphics Media Accelerator (GMA) 500, 256 MB                                                                                                                                                                                                                                                                                                                                                                                   |
| Integrated connection type       | 2 Ethernet TCP/IP - RJ45 10BASE-T/100BASE-T/1000BASE-T<br>COM1 serial link - male SUB-D 9 - RS232C - 115 kbauds<br>USB 2.0 port - USB type A - 480 Mbit/s front panel<br>2 USB 2.0 port - USB type A - 480 Mbit/s top                                                                                                                                                                                                                |
| Operating system                 | Windows Embedded Standard WES2009 - English<br>Windows Embedded Standard WES2009 - French<br>Windows Embedded Standard WES2009 - German<br>Windows Embedded Standard WES2009 - Italian<br>Windows Embedded Standard WES2009 - Spanish<br>Windows Embedded Standard WES2009 - Swedish<br>Windows Embedded Standard WES2009 - Chinese<br>Windows Embedded Standard WES2009 - Portuguese<br>Windows Embedded Standard WES2009 - Russian |
| Software package                 | Vijeo Citect web client<br>.NET Framework 3.5<br>Vijeo Designer run time demo<br>Viewer Word/Excel/Power Point<br>Internet Explorer<br>Adobe PDF and multimedia reader                                                                                                                                                                                                                                                               |

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

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| [Us] rated supply voltage | 24 V DC power supply)                                                                       |
| Supply voltage limits     | 18...30 V                                                                                   |
| Line Rated Current        | 1.875 A                                                                                     |
| Inrush current            | 3 A                                                                                         |
| Power Consumption in W    | 36 W                                                                                        |
| Bezel material            | Aluminium alloy                                                                             |
| Enclosure Material        | Treated steel                                                                               |
| Display material          | Polyethylene sheet                                                                          |
| Fixing mode               | Enclosure door by fixing kit fasteners included)<br>Panel by fixing kit fasteners included) |
| Control type              | ON/OFF push-button equipment ON and OFF)<br>Push-button reset)                              |
| Local signalling          | Accessing CF system card (DISK) LED Yellow)<br>Power multi-colour LED -)                    |
| Width                     | 15.8 in (402 mm)                                                                            |
| Height                    | 11.9 in (301 mm)                                                                            |
| Depth                     | 2.8 in (72 mm)                                                                              |
| Net Weight                | 13.32 lb(US) (6.04 kg)                                                                      |

## Environment

|                                       |                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection               | IP65 EN/IEC 61131-2 front panel (indoor use))                                                                                                                                                                                                                                                                                   |
| NEMA degree of protection             | NEMA 4X front panel (indoor use)                                                                                                                                                                                                                                                                                                |
| Product certifications                | Marine GL Bridge with line filter HMIYLFIMAR11<br>CULus 508<br>CULus CSA 22-2 No 142<br>CULus HazLoc Class I Division 2 UL 1604<br>CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01<br>CULus HazLoc Class I Division 2 CSA 22-2 No 213<br>CE<br>C-tick<br>GOST                                                                 |
| Pollution degree                      | 2 EN/IEC 61131-2                                                                                                                                                                                                                                                                                                                |
| Electromagnetic compatibility         | Immunity to high frequency interference EN/IEC 61131-2<br>Immunity to high frequency interference EN/IEC 61000-4-x<br>Immunity to electromagnetic emissions EN 55022 Class A<br>Immunity to electromagnetic emissions EN 55011 class A                                                                                          |
| Ambient air temperature for operation | 32...122 °F (0...50 °C) vertical installation EN/IEC 61131-2<br>32...122 °F (0...50 °C) vertical installation UL 508                                                                                                                                                                                                            |
| Ambient air temperature for storage   | -4...140 °F (-20...60 °C) IEC 60068-2-2 test Bb<br>-4...140 °F (-20...60 °C) IEC 60068-2-14 test Na                                                                                                                                                                                                                             |
| Relative Humidity                     | 10...85 % EN/IEC 60068-2-30 Db<br>10...85 % EN/IEC 60068-2-78                                                                                                                                                                                                                                                                   |
| Operating altitude                    | 6561.68 ft (2000 m) EN/IEC 61131-2                                                                                                                                                                                                                                                                                              |
| Vibration resistance                  | 1.75 mm 2...9 Hz) continuous EN/IEC 60068-2-6 Fc<br>3.5 mm 2...9 Hz) intermittently EN/IEC 60068-2-6 Fc<br>0.5 gn 9...200 Hz) continuous EN/IEC 60068-2-6 Fc<br>1 gn 9...200 Hz) intermittently EN/IEC 60068-2-6 Fc<br>1 mm 3...13.2 Hz) continuous EN/IEC 60068-2-6 Fc<br>0.7 gn 13.2...100 Hz) continuous EN/IEC 60068-2-6 Fc |
| Shock resistance                      | 15 gn 11 ms IEC 60068-2-27, Ea tests                                                                                                                                                                                                                                                                                            |

## Ordering and shipping details

|                   |                   |
|-------------------|-------------------|
| Category          | 22575-MAGELIS MC3 |
| Discount Schedule | MC3               |
| GTIN              | 3595864141367     |
| Returnability     | No                |
| Country of origin | AT                |

## Packing Units

|                        |                          |
|------------------------|--------------------------|
| Unit Type of Package 1 | PCE                      |
| Nbr. of units in pkg.  | 1                        |
| Package 1 Height       | 14.4 in (36.5 cm)        |
| Package 1 Width        | 18.1 in (46 cm)          |
| Package 1 Length       | 22.2 in (56.5 cm)        |
| Package weight(Lbs)    | 13.327 lb(US) (6.045 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 >](#)

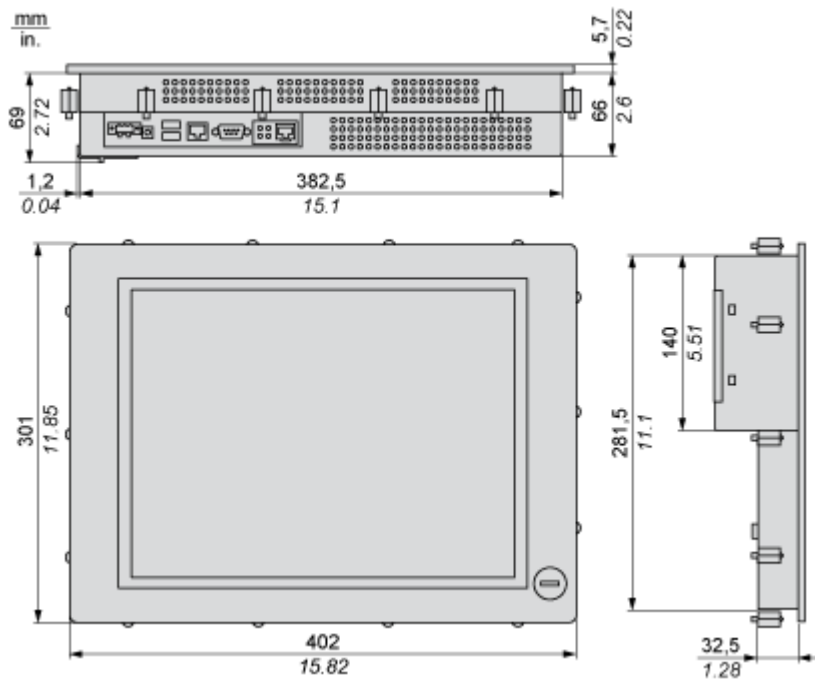
[How we assess product sustainability >](#)

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Dimensions Drawings

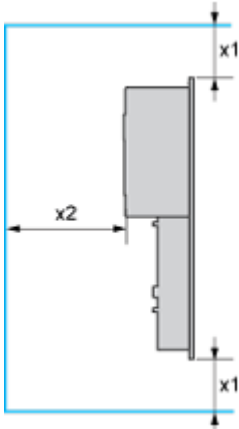
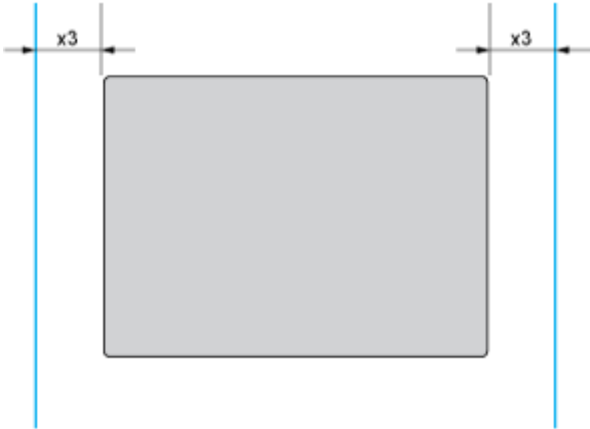
Dimensions



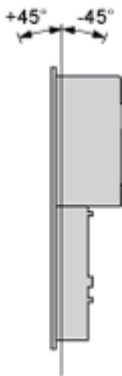
Mounting and Clearance

Mounting Information

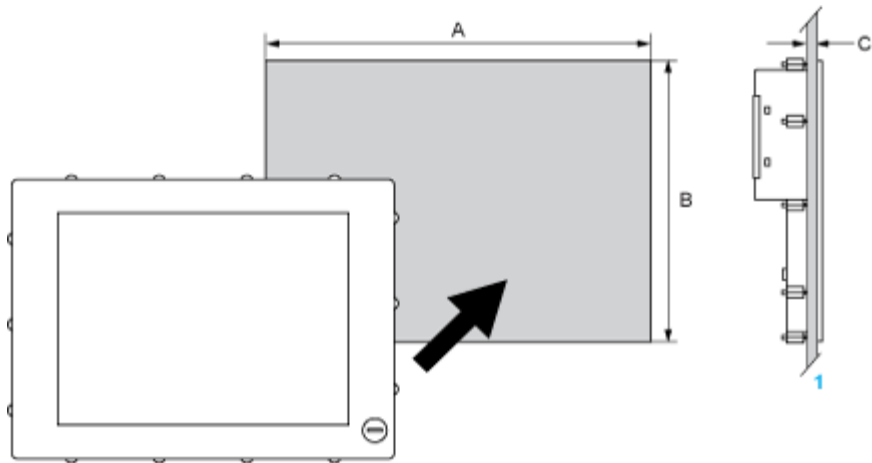
Spacing Requirements

| Side View                                                                                                       | Rear View                                                                          |
|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|                                |  |
| <p>x1 &gt; 100 mm (&gt; 3.93 in.)</p> <p>x2 &gt; 50 mm (&gt; 1.96 in.)</p> <p>x3 &gt; 10 mm (&gt; 0.39 in.)</p> |                                                                                    |

Mounting Orientation



Panel Cut Dimensions



1 Installation panel

| A                                       | B                                       | C                             |
|-----------------------------------------|-----------------------------------------|-------------------------------|
| 383.5 + 1/- 0 mm (15.10 + 0.04/- 0 in.) | 282.5 + 1/- 0 mm (11.12 + 0.04/- 0 in.) | 1.6...10 mm (0.06...0.39 in.) |