

# Product data sheet

Specifications



## Panel PC Optimum - Compact Flash - 10" - DC - Fanless

HMIPWC5D0E01

⚠ 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                            | 10.4 inch                                       |
| Display Type                            | Active matrix colour TFT LCD with LED backlight |
| Display Resolution                      | 800 x 600 pixels SVGA                           |
| Display colour                          | 16 million colours                              |

### Complementary

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Luminance                        | 41.8 fc (450 cd/m²)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| View angle horizontal x vertical | 160 x 120°                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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                 | .NET Framework 3.5<br>Internet Explorer<br>Vijeo Designer run time demo<br>Adobe PDF and multimedia reader<br>Vijeo Citect web client<br>Viewer Word/Excel/Power Point                                                                                                                                                                                                                                                               |

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                     | 12.7 in (323 mm)                                                                            |
| Height                    | 10.2 in (260 mm)                                                                            |
| Depth                     | 2.8 in (72 mm)                                                                              |
| Net Weight                | 9.68 lb(US) (4.39 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                | 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              | 3595864141374     |
| Returnability     | No                |
| Country of origin | AT                |

## Packing Units

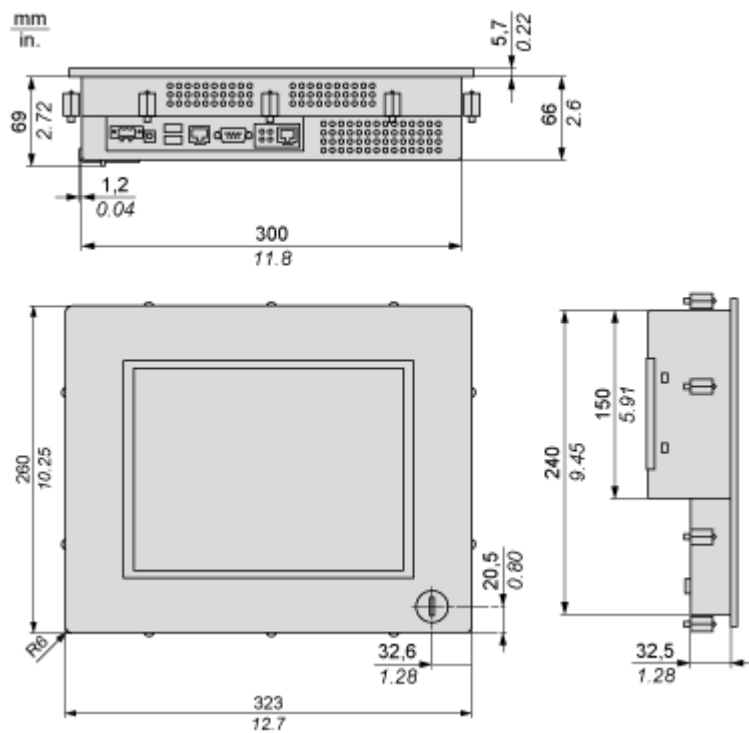
|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 11.42 in (29 cm)        |
| Package 1 Width              | 15.94 in (40.5 cm)      |
| Package 1 Length             | 17.32 in (44 cm)        |
| Package 1 Weight             | 9.687 lb(US) (4.394 kg) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions Drawings

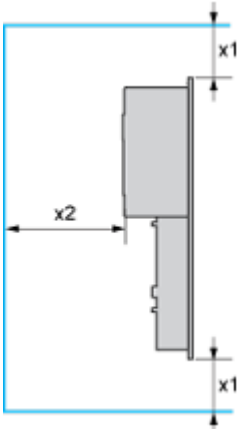
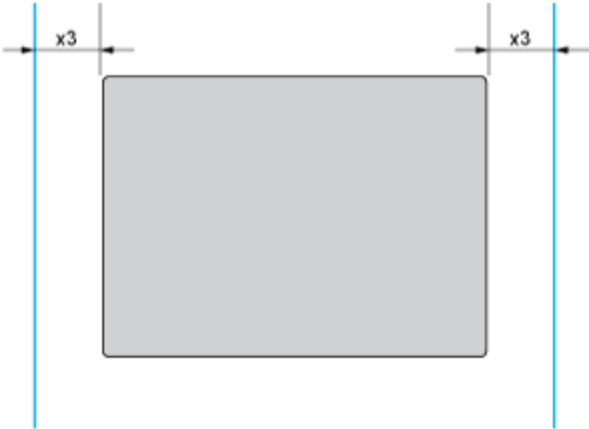
Dimensions



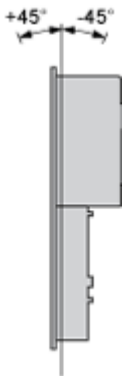
Mounting and Clearance

Mounting Information

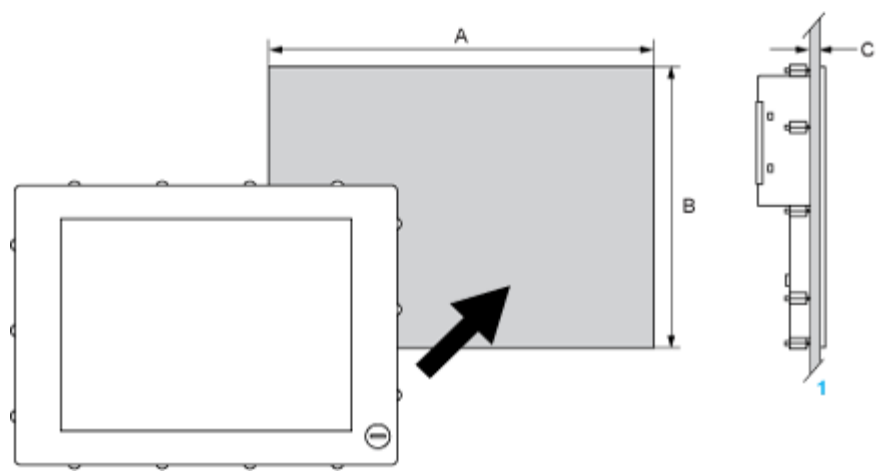
Spacing Requirements

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

Mounting Orientation



Panel Cut Dimensions



1 Installation panel

| A                               | B                              | C                             |
|---------------------------------|--------------------------------|-------------------------------|
| 303 ± 0.5 mm (11.85 ± 0.02 in.) | 243 ± 0.5 mm (9.49 ± 0.02 in.) | 1.6...10 mm (0.06...0.39 in.) |