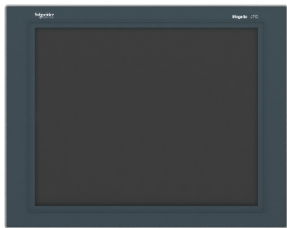


# Product data sheet

Specifications



## Panel PC Universal - Compact Flash - 19" - DC - 0 slot - fanless

HMIPUC9D0E01

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                                                                                                                                                                                                                                                                                                                                                                                                  |
| Processor name            | Atom N270 1.66 GHz L2 cache 512 KB                                                                                                                                                                                                                                                                                                                                                                        |
| Chipset type              | Intel 945GME 533 MHz                                                                                                                                                                                                                                                                                                                                                                                      |
| Display size              | 19 inch                                                                                                                                                                                                                                                                                                                                                                                                   |
| Display colour            | 16 million colours                                                                                                                                                                                                                                                                                                                                                                                        |
| Luminance                 | 27.9 fc (300 cd/m²)                                                                                                                                                                                                                                                                                                                                                                                       |
| Video controller type     | Intel Graphics Media Accelerator (GMA) 950, 224 MB                                                                                                                                                                                                                                                                                                                                                        |
| Operating system          | Windows Embedded Standard WES2009English<br>Windows Embedded Standard WES2009French<br>Windows Embedded Standard WES2009German<br>Windows Embedded Standard WES2009Italian<br>Windows Embedded Standard WES2009Spanish<br>Windows Embedded Standard WES2009Swedish<br>Windows Embedded Standard WES2009Chinese<br>Windows Embedded Standard WES2009Portuguese<br>Windows Embedded Standard WES2009Russian |
| Software package          | Vijeo Designer run time demo<br>.NET Framework 3.5<br>Acrobat Reader<br>Internet Explorer<br>Viewer Word/Excel/Power Point<br>Vijeo Citect web client                                                                                                                                                                                                                                                     |
| Bezel material            | Aluminium alloy                                                                                                                                                                                                                                                                                                                                                                                           |

### Complementary

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Terminal type                    | Touchscreen display                             |
| Data storage equipment           | 4 GB Compact Flash card                         |
| Display Type                     | Active matrix colour TFT LCD with LED backlight |
| Display Resolution               | 1280 x 1024 pixels SXGA                         |
| View angle horizontal x vertical | 160 x 100°                                      |
| Touch panel                      | Analogue resistive                              |
| Memory type                      | 512 KB SRAM<br>2 GB RAM DDR3                    |
| type of cooling                  | 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

|                                   |                                                                                                                                                                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Integrated connection type</b> | 2 Ethernet TCP/IP - RJ45<br>DVI-I video port - DVI-I<br>COM1 serial link - male SUB-D 9 - RS232C 115 kbit/s)<br>COM2 serial link - male SUB-D 9 - RS232C 115 kbit/s)<br>USB 2.0 type A 480 Mbit/s)front panel<br>4 USB 2.0 type A 480 Mbit/s)top panel |
| <b>Port Ethernet</b>              | 10BASE-T/100BASE-T/1000BASE-T                                                                                                                                                                                                                          |
| <b>[Us] rated supply voltage</b>  | 24 V DC power supply                                                                                                                                                                                                                                   |
| <b>Supply voltage limits</b>      | 18...30 V                                                                                                                                                                                                                                              |
| <b>Line Rated Current</b>         | 6.7 A                                                                                                                                                                                                                                                  |
| <b>Inrush current</b>             | 7 A                                                                                                                                                                                                                                                    |
| <b>Power consumption in W</b>     | 130 W                                                                                                                                                                                                                                                  |
| <b>Material</b>                   | Treated steel                                                                                                                                                                                                                                          |
| <b>Display material</b>           | Polyethylene sheet                                                                                                                                                                                                                                     |
| <b>Fixing mode</b>                | Enclosure door by fixing kit fasteners included)<br>Panel by fixing kit fasteners included)                                                                                                                                                            |
| <b>Type of Installation</b>       | Indoor                                                                                                                                                                                                                                                 |
| <b>Control type</b>               | ON/OFF push-button equipment ON and OFF)<br>Push-button reset)                                                                                                                                                                                         |
| <b>Local signalling</b>           | for power LED (multi-colour)<br>for accessing Compact Flash card (HDD) LED (yellow)                                                                                                                                                                    |
| <b>Width</b>                      | 18.9 in (480 mm)                                                                                                                                                                                                                                       |
| <b>Height</b>                     | 15.0 in (380 mm)                                                                                                                                                                                                                                       |
| <b>Depth</b>                      | 4.5 in (114 mm)                                                                                                                                                                                                                                        |
| <b>Cut-out dimensions</b>         | 459.5 (+/- 0.5) x 359.5 (+/- 0.5) x 1.6...10 mm                                                                                                                                                                                                        |
| <b>Net Weight</b>                 | 29.92 lb(US) (13.57 kg)                                                                                                                                                                                                                                |
| <b>Main type</b>                  | Universal                                                                                                                                                                                                                                              |

## Environment

|                                              |                                                                                                                                                                                                                                                                 |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>IP degree of protection</b>               | IP65 front panel: conforming to EN/IEC 60529                                                                                                                                                                                                                    |
| <b>NEMA degree of protection</b>             | NEMA 4X front panel                                                                                                                                                                                                                                             |
| <b>Product certifications</b>                | 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>GOST<br>CE<br>C-tick |
| <b>Pollution degree</b>                      | 2 EN/IEC 61131-2                                                                                                                                                                                                                                                |
| <b>Electromagnetic compatibility</b>         | Immunity to electromagnetic emissions, class A EN 55022<br>Immunity to electromagnetic emissions, class A EN 55011<br>Immunity to high frequency interference EN/IEC 61131-2<br>Immunity to high frequency interference EN/IEC 61000-4-x                        |
| <b>Ambient air temperature for operation</b> | 32...122 °F (0...50 °C) vertical installation UL 508<br>32...122 °F (0...50 °C) vertical installation EN/IEC 61131-2                                                                                                                                            |
| <b>Ambient air temperature for storage</b>   | -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                                                                                                                                                             |
| <b>Relative Humidity</b>                     | 10...85 % EN/IEC 60068-2-78<br>10...85 % EN/IEC 60068-2-30                                                                                                                                                                                                      |
| <b>Operating altitude</b>                    | 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

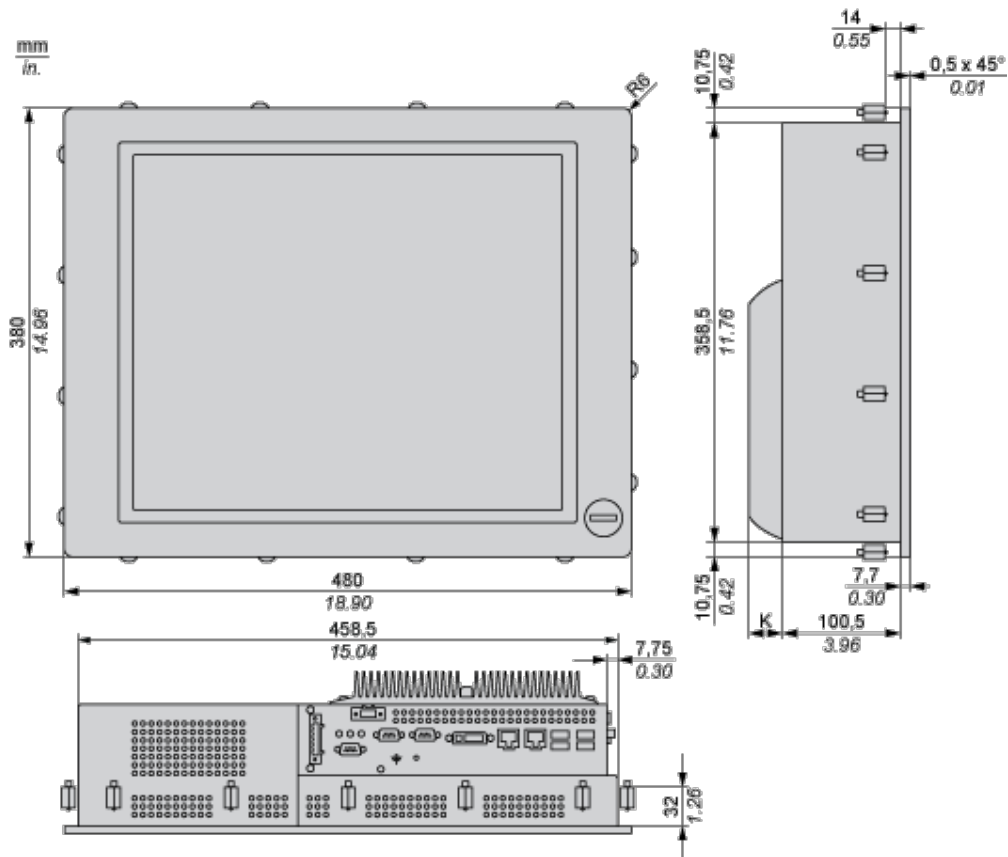
|                   |                   |
|-------------------|-------------------|
| Category          | 22575-MAGELIS MC3 |
| Discount Schedule | MC3               |
| GTIN              | 00785901571483    |
| Returnability     | No                |
| Country of origin | AT                |

## Contractual warranty

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

Dimensions Drawings

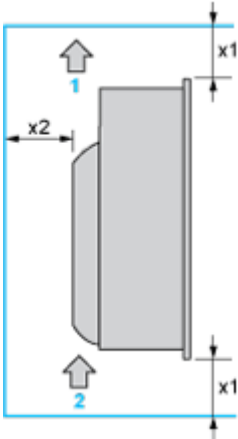
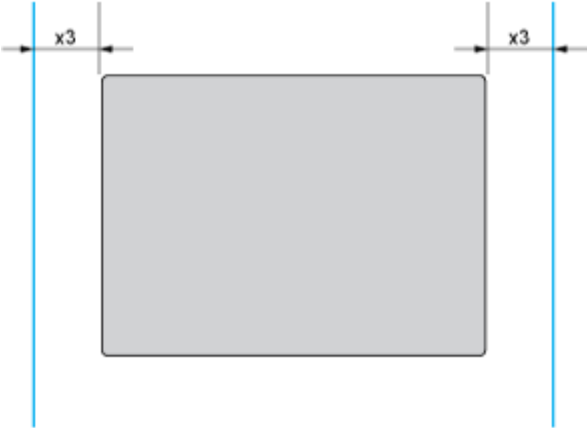
Dimensions



K: 12.8 mm / 0.50 in.

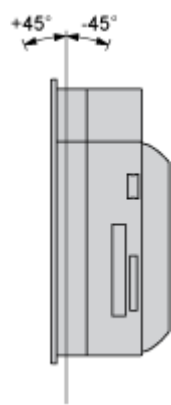
Mounting and Clearance

Spacing Requirements

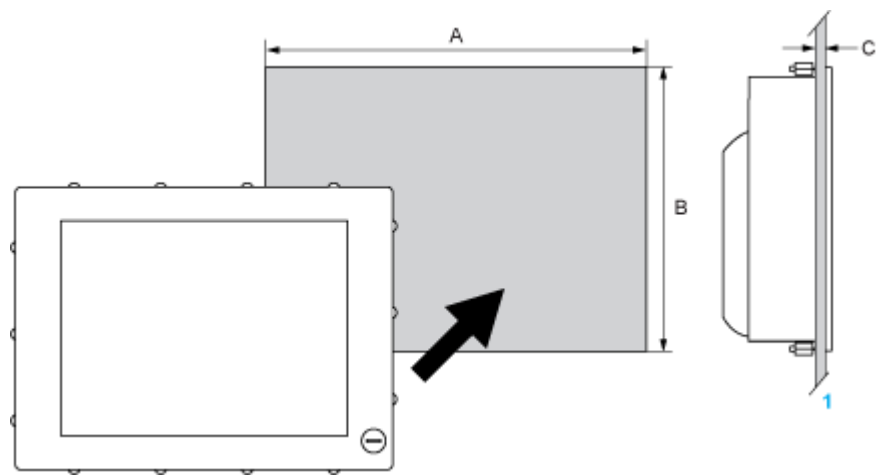
| Top, Bottom and Rear Sides                                                                                                                                  | Left and Right Sides                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <div></div> <div><div>1</div> Air out</div> <div><div>2</div> Air in</div> | <div></div> |
| <div><div>x1</div> &gt; 100 mm (3.93 in.)</div> <div><div>x2</div> &gt; 50 mm (1.96 in.)</div> <div><div>x3</div> &gt; 10 mm (0.39 in.)</div>               |                                                                                               |

Mounting Orientation

---



Panel Cut Dimensions



1 Installation panel

| A                                 | B                                 | C                             |
|-----------------------------------|-----------------------------------|-------------------------------|
| 459.5 ± 0.5 mm (18.09 ± 0.02 in.) | 359.5 ± 0.5 mm (14.15 ± 0.02 in.) | 1.6...10 mm (0.06...0.39 in.) |