

# Product data sheet

Specifications



## Box PC Universal - Flash Disk 5 years of warranty-DC- 1 slot-500 I/O-fanless

HMIBUFND1PF1

⚠ Discontinued on: Jun 30, 2016

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

### Main

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| Range Of Product          | Harmony iPC                                                         |
| Product Or Component Type | Operator dialogue terminal                                          |
| Device Short Name         | BOX PC Universal                                                    |
| Range Compatibility       | Harmony iDisplay                                                    |
| Compatibility Code        | BOX PC Universal                                                    |
| Processor Name            | Atom N270 1.66 GHz cache 512 KB                                     |
| Chipset Type              | Intel 945GME                                                        |
| Video Controller Type     | Intel Graphics Media Accelerator 950, 224Mb                         |
| Operating System          | MS Windows XP Professional Edition SP3multi-language                |
| Software Package          | Vijeo Designer run time demo<br>Vijeo Citect client/server, 500 I/O |

### Complementary

|                            |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Storage Equipment     | 60 GB Flash disk SSD MLC 2000000 h                                                                                                                                                                                                                                                                                                                                    |
| Port Ethernet              | 10BASE-T/100BASE-T/1000BASE-T                                                                                                                                                                                                                                                                                                                                         |
| Memory Description         | 2 GB RAM DDR2 internal not expandable)<br>SDRAM saved memory                                                                                                                                                                                                                                                                                                          |
| Number Of Slots            | 1 slot(s) for PCI                                                                                                                                                                                                                                                                                                                                                     |
| Type Of Cooling            | Fanless                                                                                                                                                                                                                                                                                                                                                               |
| Integrated Connection Type | Ethernet TCP/IP 2 RJ45<br>DVI-I video port DVI-I<br>COM1 serial link male SUB-D 9 RS232C 115 kbauds<br>COM2 serial link male SUB-D 9 RS232C 115 kbauds<br>DVI-I video port (optional) DVI-I<br>COM3 serial link (optional) male SUB-D 10 RS232/422/485 115 kbauds<br>USB 2.0 port USB type A 480 Mbit/s front panel<br>USB 2.0 port 4 USB type A 480 Mbit/s top panel |
| [Us] Rated Supply Voltage  | 24 V DC power supply                                                                                                                                                                                                                                                                                                                                                  |
| Supply Voltage Limits      | 18...30 V                                                                                                                                                                                                                                                                                                                                                             |
| Line Rated Current         | 6 A                                                                                                                                                                                                                                                                                                                                                                   |
| Inrush Current             | 7 A                                                                                                                                                                                                                                                                                                                                                                   |
| Control Type               | ON/OFF push-button equipment ON and OFF)<br>Push-button reset)                                                                                                                                                                                                                                                                                                        |
| Main Type                  | Universal                                                                                                                                                                                                                                                                                                                                                             |

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

|            |                      |
|------------|----------------------|
| Height     | 10.63 in (270 mm)    |
| Width      | 10.24 in (260 mm)    |
| Net Weight | 4.85 lb(US) (2.2 kg) |

## Environment

|                                       |                                                                                                                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | CSA C22.2 No 142<br>ANSI/ISA 12-12-01<br>UL 1604<br>UL 508<br>Class I division 2 CSA C22.2 No 213                                                                                           |
| Product Certifications                | CE<br>CULus<br>ATEX zone 22 dust<br>C-tick<br>GOST<br>GL                                                                                                                                    |
| Pollution Degree                      | 2 EN 61131-2 Ed.3                                                                                                                                                                           |
| Electromagnetic Compatibility         | Immunity to high frequency interference conforming to EN 61131-2 Ed.3                                                                                                                       |
| Ambient Air Temperature For Storage   | -4...140 °F (-20...60 °C) IEC 60068-2-2 test Ab<br>-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 % IEC 60068-2-30 test Db                                                                                                                                                            |
| Ambient Air Temperature For Operation | 32...122 °F (0...50 °C) vertical installation) EN 61131-2 Ed.3                                                                                                                              |
| Operating Altitude                    | 6561.68 ft (2000 m) EN 61131-2 Ed.3                                                                                                                                                         |
| Vibration Resistance                  | 1.75 mm 2...9 Hz) continuous IEC 60068-2-6<br>3.5 mm 2...9 Hz) intermittently IEC 60068-2-6<br>0.5 gn 9...200 Hz) continuous IEC 60068-2-6<br>1 gn 9...200 Hz) intermittently IEC 60068-2-6 |

## Ordering and shipping details

|                   |                   |
|-------------------|-------------------|
| Category          | 22575-MAGELIS MC3 |
| Discount Schedule | MC3               |
| Gtin              | 00785901317531    |
| Returnability     | No                |
| Country Of Origin | FR                |

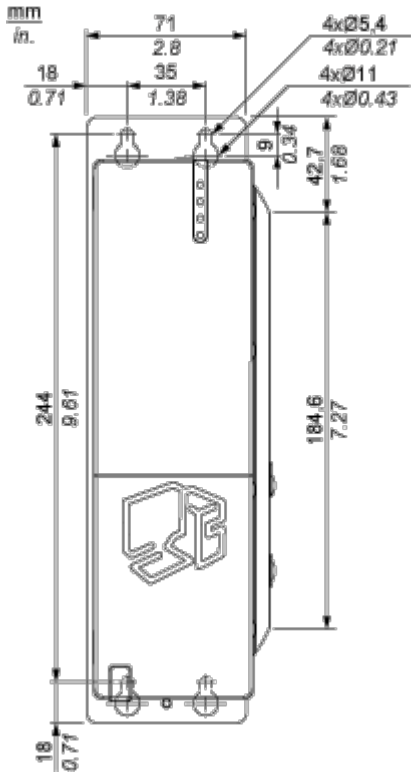
## Contractual warranty

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

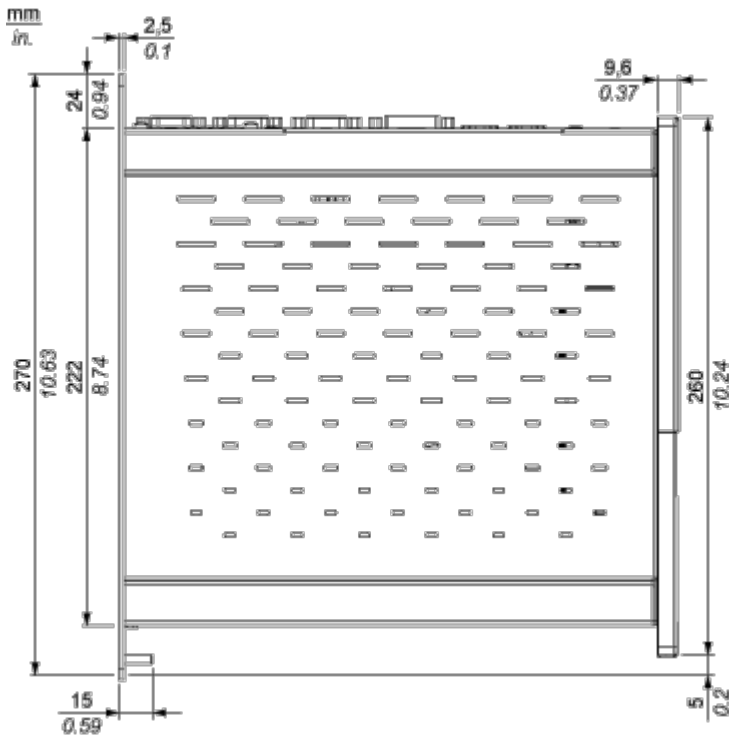
Dimensions Drawings

Dimensions

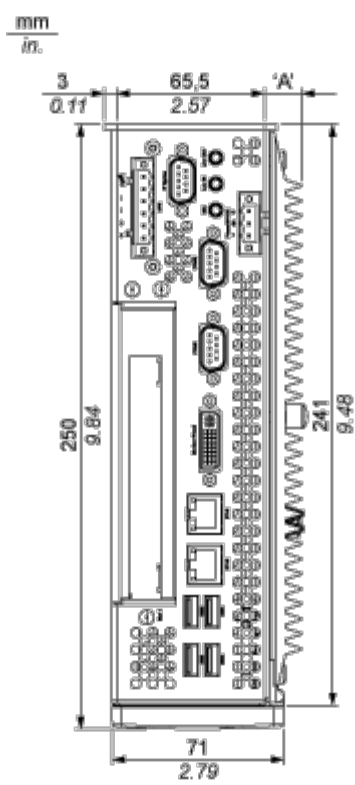
Front view



Side view



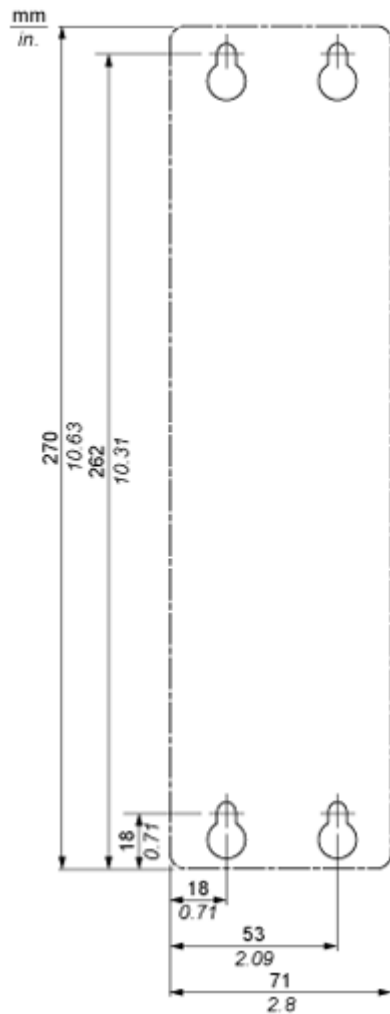
Top view



Mounting and Clearance

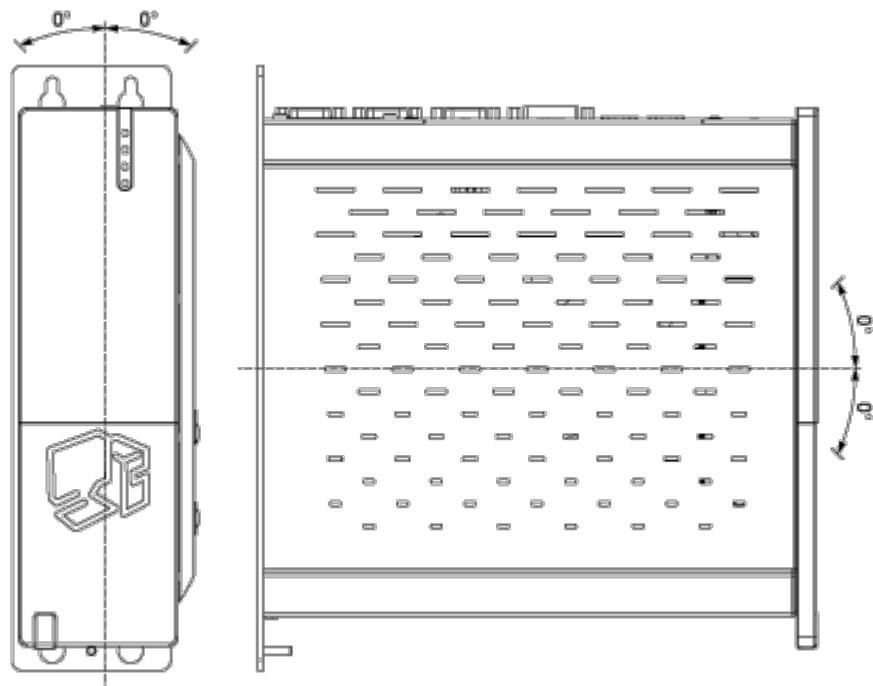
Mounting

Plate Designed for M5 Screws



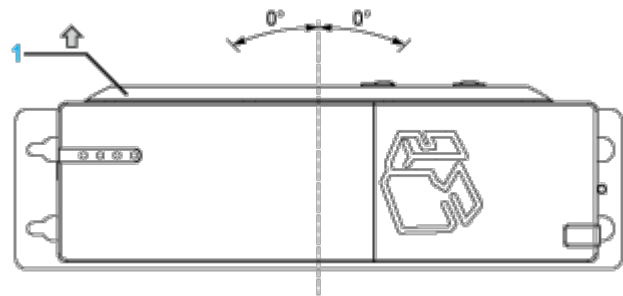
Mounting angle

Standard mounting - vertical



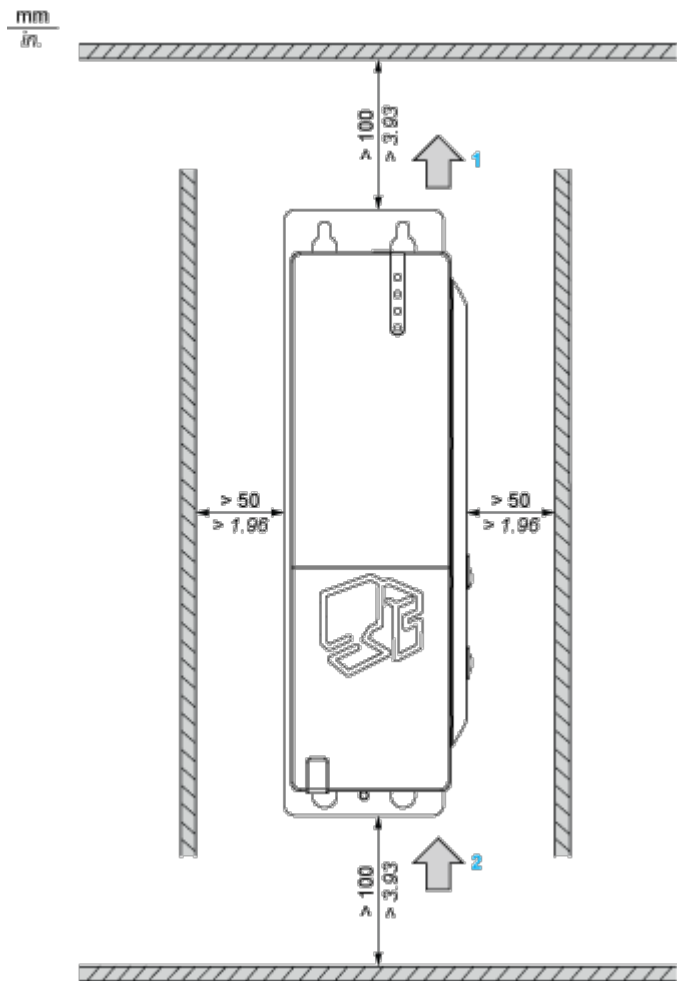
Optional mounting - flat

The maximum ambient temperature specification must be lowered by 5 °C (41 °F).  
For fanless models, a fan kit needs to be ordered separately.



1 Heat sink

Spacing Requirements for Air Circulation



- 1 Air out
- 2 Air in