

# Product data sheet

Specifications



## Box PC Universal - Flash Disk 5 years of warranty-DC-2 slots-500 I/O-fanless

HMIBUFND2PF1

⚠ 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<br>1 slot(s) for PCI express 4x                                                                                                                                                                                                                                                                                                                     |
| 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     | 10.6 in (270 mm)    |
| Width      | 10.2 in (260 mm)    |
| Net Weight | 6.2 lb(US) (2.8 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   | -4.0000000000...140.0000000000 °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 | 32.0000000000...122.0000000000 °F (0...50 °C) vertical installation) EN 61131-2 Ed.3<br>32.0000000000...113.0000000000 °F (0...45 °C) vertical installation when using RAID option) 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              | 00785901317951    |
| Returnability     | No                |
| Country of origin | FR                |

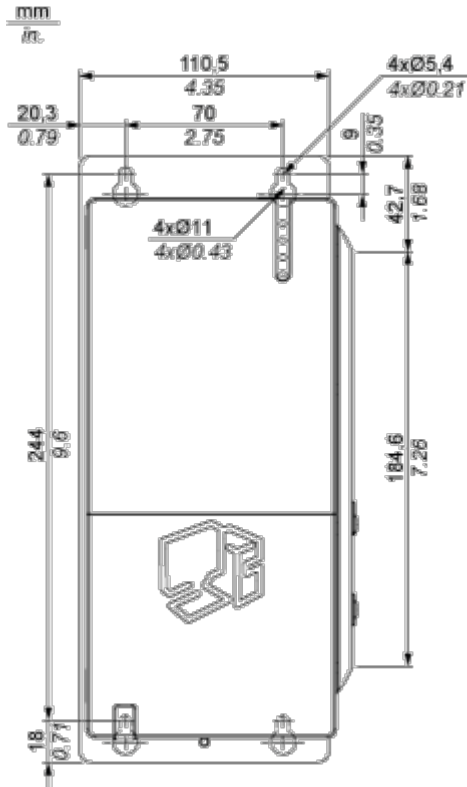
## Contractual warranty

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

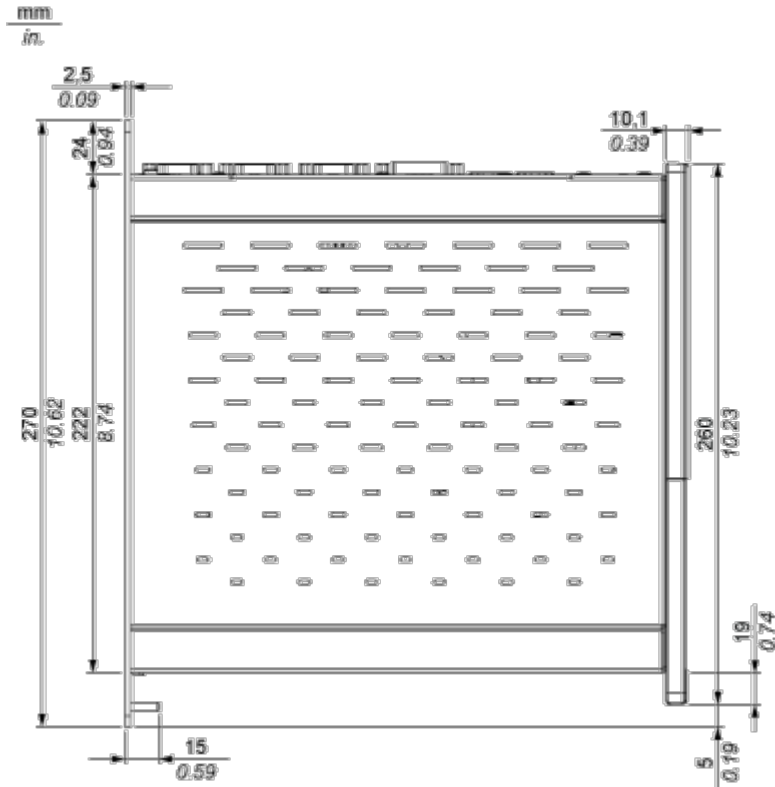
Dimensions Drawings

Dimensions

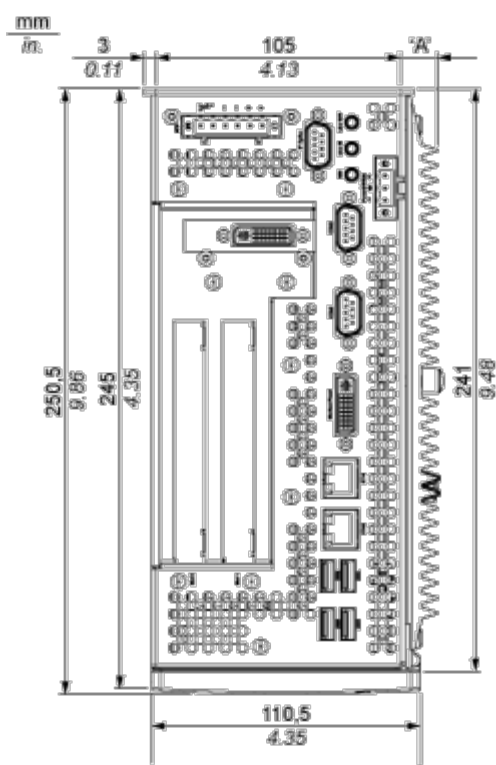
Front view



Side view



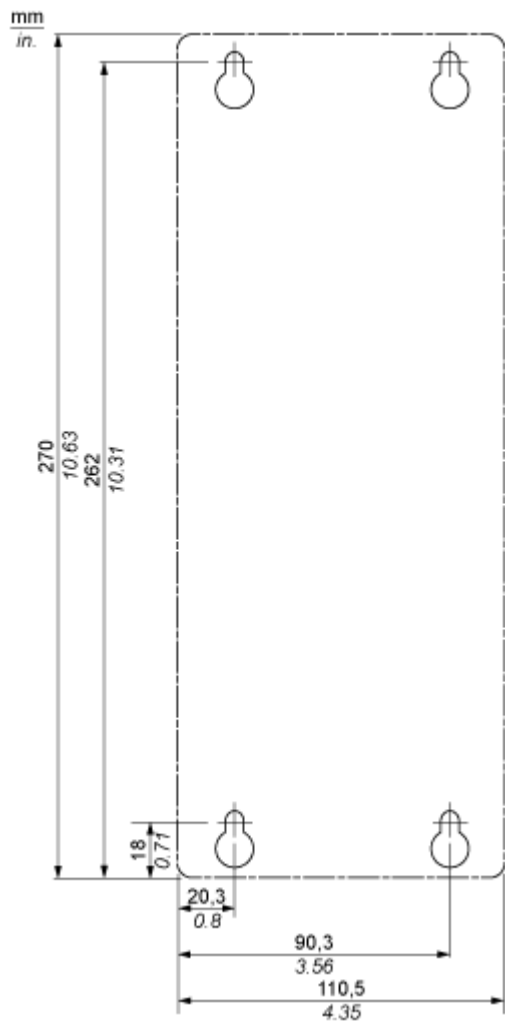
Top view



Mounting and Clearance

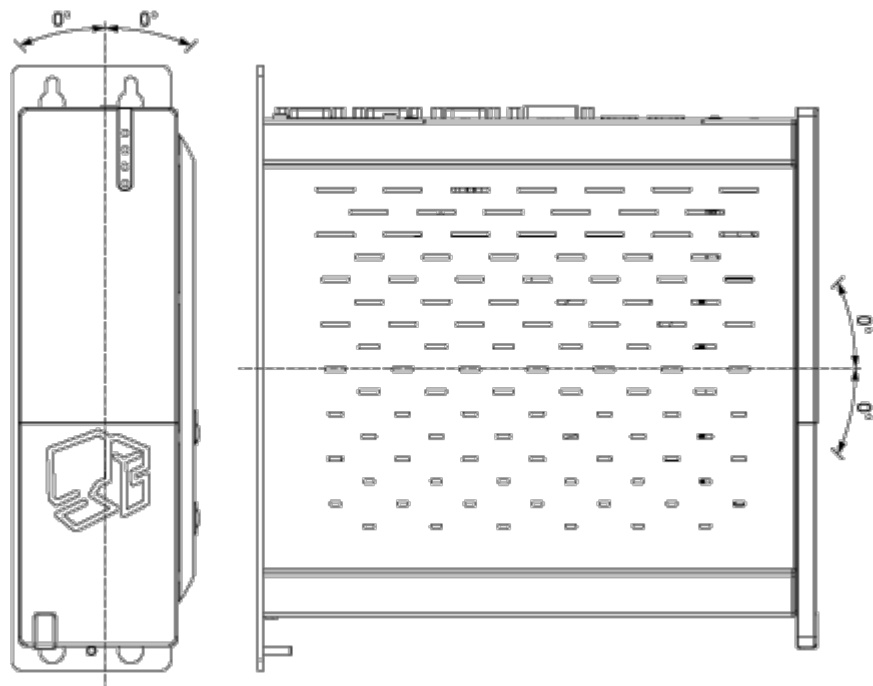
Mounting

Plate Designed for M5 Screws



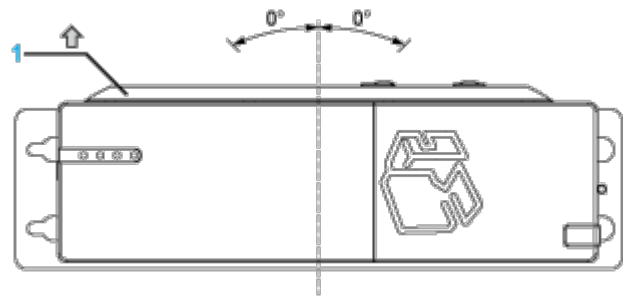
Mounting angle

Standard mounting - vertical



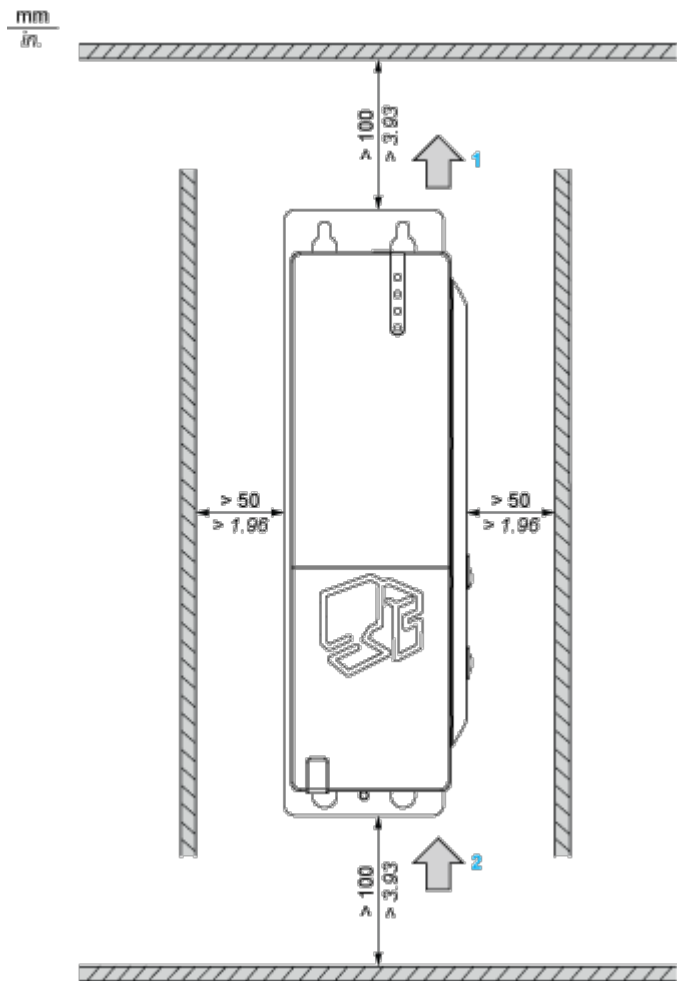
Optional mounting - flat

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