

# Product data sheet

Specifications



## Box PC Performance - Hard Disk - DC - 2 slots - fan

HMIBPHDD2701

⚠ 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 Performance                                                                   |
| Range Compatibility       | Harmony iDisplay                                                                     |
| Compatibility code        | BOX PC Performance                                                                   |
| Processor name            | Core 2 Duo P8400 2.26 GHz cache 3 MB                                                 |
| Chipset type              | Intel GM45 1066 MHz                                                                  |
| Video controller type     | Mobile Intel Graphics Media Accelerator (GMA) 4500MHD, 224 Mb                        |
| Operating system          | Windows 10 IoT Enterprise 64 bit switched from Windows 8.1 in Q1 2018)multi-language |
| Software package          | Vijeo Designer run time demo                                                         |

### Complementary

|                            |                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data storage equipment     | 500 GB enterprise hard disk                                                                                                                                                                                                                                                                                                                                                            |
| Port Ethernet              | 10BASE-T/100BASE-T/1000BASE-T                                                                                                                                                                                                                                                                                                                                                          |
| Memory description         | 4 GB RAM DDR3 internal not expandable)<br>SDRAM saved memory                                                                                                                                                                                                                                                                                                                           |
| Number of slots            | 2 slot(s)                                                                                                                                                                                                                                                                                                                                                                              |
| Type of cooling            | Fan                                                                                                                                                                                                                                                                                                                                                                                    |
| 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>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<br>COM3 serial link male SUB-D 10 RS232/422/485 115 kbauds<br>DVI-I video port (optional)<br>COM3 serial link (optional) 4X |
| [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                  | Performance                                                                                                                                                                                                                                                                                                                                                                            |
| Height                     | 10.6 in (270 mm)                                                                                                                                                                                                                                                                                                                                                                       |

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

|            |                     |
|------------|---------------------|
| 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                                                                                                                                                                                                                            |
| 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<br>32...113 °F (0...45 °C) vertical installation when using RAID option) EN 61131-2 Ed.3<br>32...113 °F (0...45 °C) vertical installation when using Gigabit Ethernet with HDD storage device) EN 61131-2 Ed.3 |
| Operating altitude                    | 6561.68 ft (2000 m) EN 61131-2 Ed.3                                                                                                                                                                                                                                           |
| Vibration resistance                  | 0.125 gn 5...100 Hz) continuous IEC 60068-2-6<br>0.250 gn 5...100 Hz) intermittently IEC 60068-2-6                                                                                                                                                                            |

## Ordering and shipping details

|                   |                   |
|-------------------|-------------------|
| Category          | 22575-MAGELIS MC3 |
| Discount Schedule | MC3               |
| GTIN              | 3595864125602     |
| Returnability     | No                |
| Country of origin | AT                |

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type of Package 1       | PCE                |
| Number of Units in Package 1 | 1                  |
| Package 1 Height             | 11.61 in (29.5 cm) |
| Package 1 Width              | 15.43 in (39.2 cm) |
| Package 1 Length             | 15.75 in (40 cm)   |
| Package 1 Weight             | 17.6 lb(US) (8 kg) |

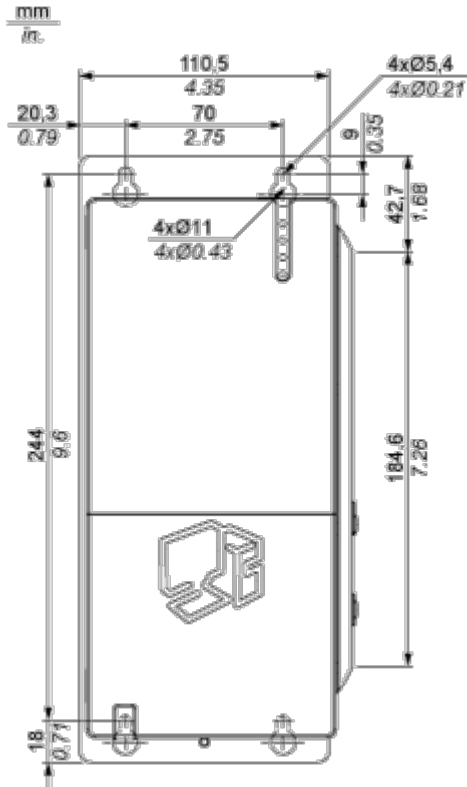
## Contractual warranty

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

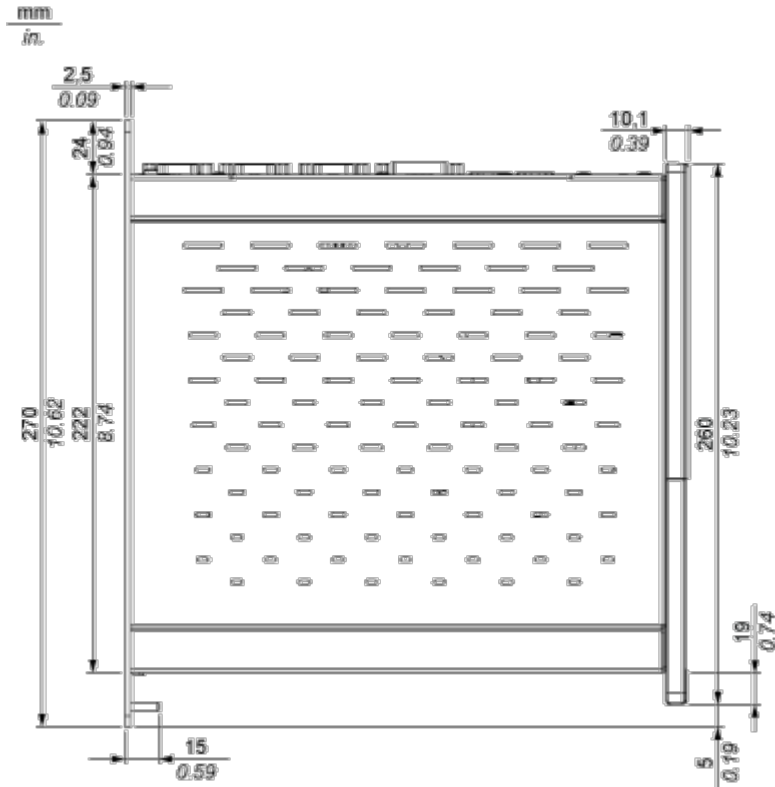
Dimensions Drawings

Dimensions

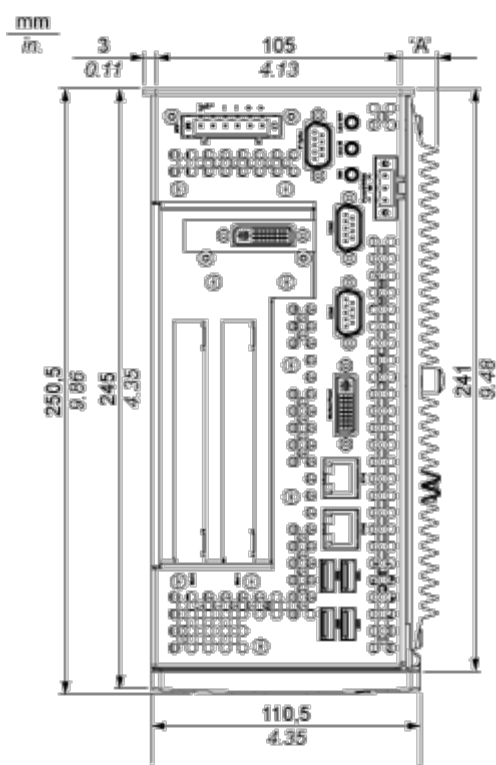
Front view



Side view



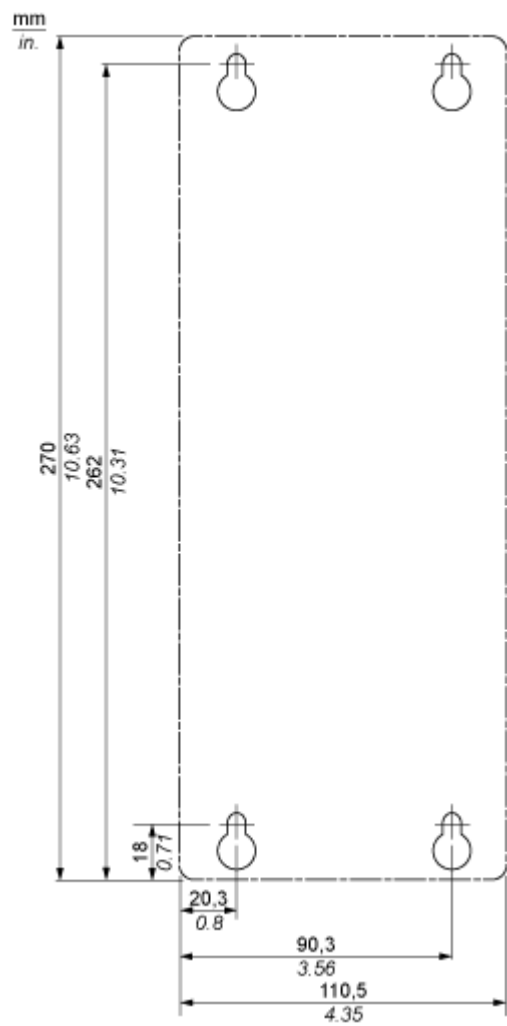
Top view



Mounting and Clearance

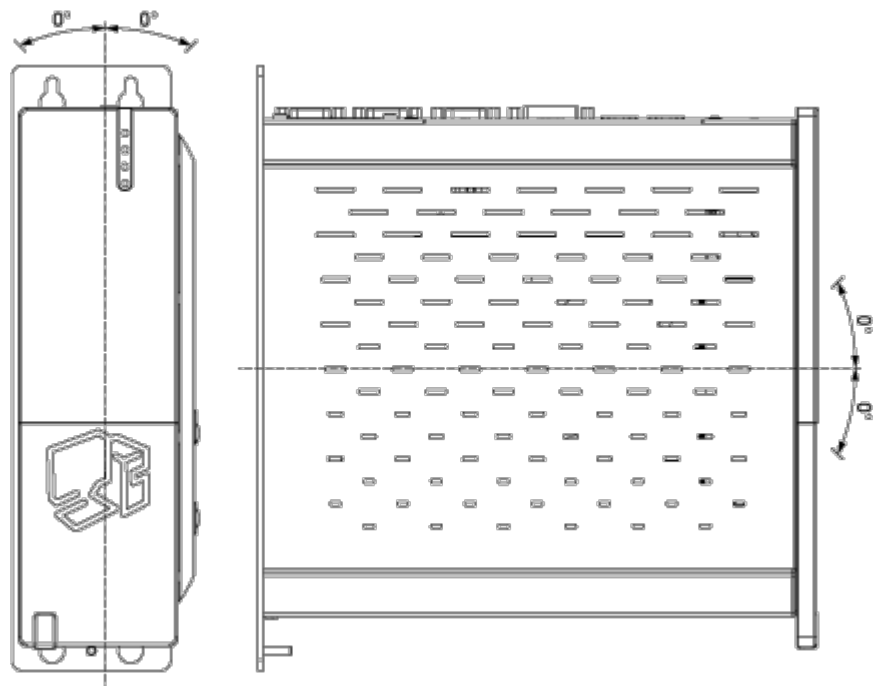
Mounting

Plate Designed for M5 Screws



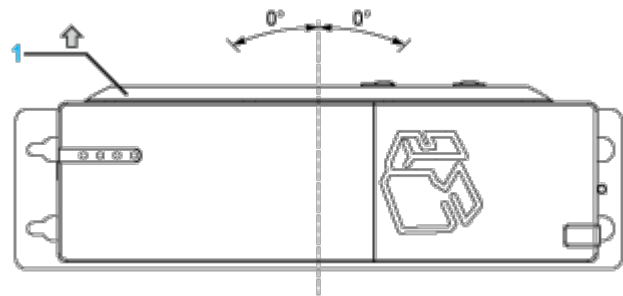
Mounting angle

Standard mounting - vertical



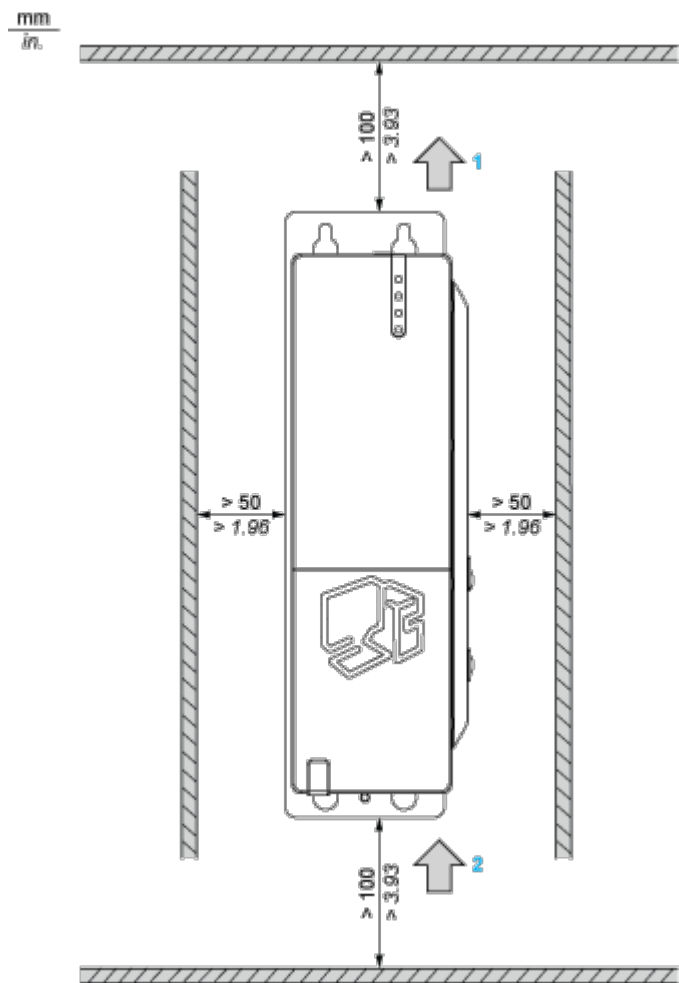
Optional mounting - flat

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