

# Product data sheet

## Characteristics

# HMIRXO HCA3001

Industrial rack PC, Harmony iPC, 2U Optimum  
HMIRXO HDD, AC, 3 slots, No Operating  
System



### Main

|                           |  |
|---------------------------|--|
| Range of Product          | Harmony iPC  |
| Product or Component Type | Industrial rack PC   |
| Device short name         | Rack PC 2U Optimum   |
| Range Compatibility       | IDisplay   |
| Processor name            | Intel iCore G540, dual core 2.5 GHz L3 cache 2 MB                      |
| Chipset type              | Intel G540   |
| Storage slots             | 1 internal slot (SATA3)<br>2 hot swap trays (SATA2)                    |
| Data storage equipment    | Hard disk  |
| Memory description        | 2 GB RAM DDR3 internal 1 by default<br>Up to 32 GB RAM DDR3 internal 4 |

### Complementary

|                            |   |
|----------------------------|---|
| Number of slots            | 1 PCI<br>2 PCI express 8x   |
| Drive type                 | DVD-RW  |
| Video controller type      | Intel HD Graphics   |
| Display Resolution         | 2048 x 1536 pixels  |
| Watchdog timer             | 1...255 ms  |
| Type of cooling            | 3 fans with speed control   |
| Integrated connection type | 4 USB 3.0 port<br>2 COM1 serial link - male SUB-D 9 - RS232<br>1 VGA<br>1 DVI video port<br>2 USB 2.0 port<br>1 audio micro input<br>1 audio line output<br>4 COM1 serial link (optional) - male SUB-D 9 - RS232/RS485<br>2 Ethernet - RJ45 10/100/1000 Mbit/s) |
| Switch application         | Case open   |
| Software package           | Vijeo Designer run time demo run time demo license not included<br>EcoStruxure Operator Terminal Expert run time demo license not included  |
| Motherboard type           | Micro ATX   |
| [Us] rated supply voltage  | 100...240 V AC power supply   |
| Power consumption in W     | 300 W   |
| Mounting Support           | 19" rack  |
| Depth                      | 18.90 in (480 mm)   |
| Height                     | 3.46 in (88 mm)   |
| Width                      | 18.98 in (482 mm)   |
| Net Weight                 | 26.90 lb(US) (12.2 kg)  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |  |
|---------------------------------------|--|
| Product certifications                | CCC<br>EAC<br>CULus  |
| Standards                             | CSA 22-2 No 60950-1-07<br>EN 55011: class A group 1<br>EN 60950-1<br>EN 61000-6-2<br>EN 61000-6-4<br>FCC part 15<br>UL 60950-1 |
| Quality labels                        | CE   |
| Directives                            | 2004/108/EC - electromagnetic compatibility<br>2006/95/EC - low voltage directive  |
| IP degree of protection               | IP40 conforming to IEC 60529   |
| Ambient air temperature for storage   | -4...140 °F (-20...60 °C) IEC 60068-2-2  |
| Relative Humidity                     | 10...85 % non-condensing IEC 60068-2-78  |
| Ambient air temperature for operation | 32...104 °F (0...40 °C) IEC 60068-2-2  |
| Vibration resistance                  | 0.002 g <sup>2</sup> /Hz 5...500 Hz) operating IEC 60068-2-64<br>2 gn 5...500 Hz) not operating IEC 60068-2-6                  |
| Shock resistance                      | 10 gn 11 ms IEC 60068-2-27   |

## Ordering and shipping details

|                       |                        |
|-----------------------|------------------------|
| Category              | 22575 - MAGELIS MC3    |
| Discount Schedule     | MC3                    |
| GTIN                  | 3606480684265          |
| Nbr. of units in pkg. | 1                      |
| Package weight(Lbs)   | 26.90 lb(US) (12.2 kg) |
| Returnability         | No                     |
| Country of origin     | CN                     |

## Packing Units

|                        |                    |
|------------------------|--------------------|
| Unit Type of Package 1 | PCE                |
| Package 1 Height       | 3.46 in (8.8 cm)   |
| Package 1 width        | 18.90 in (48 cm)   |
| Package 1 Length       | 18.98 in (48.2 cm) |

## Offer Sustainability

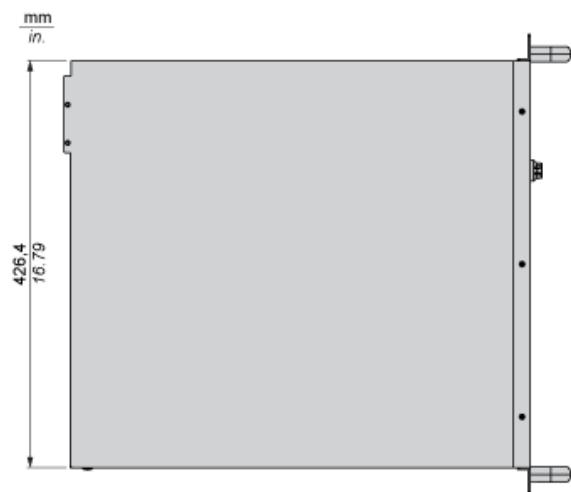
|                            |   |
|----------------------------|---|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information |  Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.  |

## Contractual warranty

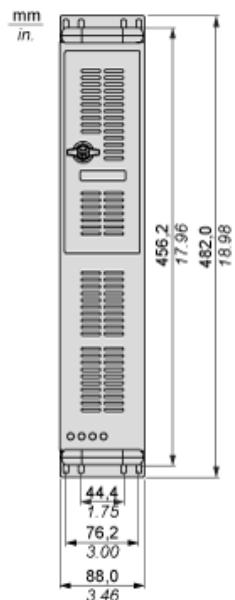
|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

## Dimensions

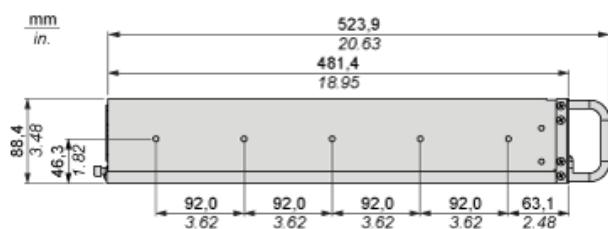
### Top View



### Front View



### Side View



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## Mounting

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Unit Designed for M4 Screws

