

Product data sheet

Specifications

Modular box PC, Harmony P6, Intel Atom x6425E, 4 core



HMIP6DBB0NA0WNaN00

Main

Range of product	Harmony P6
Product or component type	Modular box PC
Software package	Node-RED preinstalled EcoStruxure Machine SCADA Expert run time (on configured offer) EcoStruxure Operator Terminal Expert run time (on configured offer) AVEVA system platform installer (on configured offer) EcoStruxure secure connect (license to be purchased seperately) Stratus EverRun (exchange partner) (license to be purchased seperately) Trellix (license to be purchased seperately)

Complementary

Display resolution	4096 x 2304 pixels at 60 Hz
Backlight lifespan	50000 hours at 25 °C
Number of slots	1 slot(s) for optional interface
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	9...36 V
Type of cooling	Fanless
Video controller type	Intel UHD Graphics for 10th Gen
Inrush current	30 A
Device mounting	Panel mounting
Width	250 mm
Depth	37 mm
Height	165 mm
Net weight	1.7 kg

Environment

Standards	EN/IEC 61000-4-2 IEC 61000-4-4 FCC part 15 UL 61010-2-201
Pollution degree	2
Operating altitude	2000 m

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

Product certifications	CE CULus CSA UL 61010-2-201 RCM UKCA DNV ATEX zone 2 ATEX zone 22 dust CULus Class 1 Division 2 IECEX zone 2 IECEX zone 22
IP degree of protection	IP20 conforming to IEC 61131-2 IP66f IP67f
NEMA degree of protection	NEMA 4X/13
Ambient air temperature for operation	0...55 °C wall mounting side 0...55 °C book mounting side 0...55 °C flat mounting top 0...55 °C panel top 0...50 °C panel (with 19" W, 22" W display) side
Ambient air temperature for storage	-20...60 °C
Relative humidity	10...90 % for non-condensing
Vibration resistance	9.8 m/s² (f = 9...150 Hz) - M.2 SSD - conforming to IEC 61131-2
Shock resistance	147 m/s² X, Y, Z directions for 3 times
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge conforming to IEC 61000-4-2 level 3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.600 cm
Package 1 Width	34.300 cm
Package 1 Length	39.600 cm
Package 1 Weight	2.386 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	2111
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
F-gas free	Only air and vacuum used for insulation / breaking, no F-gas including SF6
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	Df644fea-f5fa-4b8a-a06e-76d7dac05fe5
REACH Regulation	REACH Declaration
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 www.P65Warnings.ca.gov
Halogen-free status	Product contains halogen above thresholds
PVC free	No
Silicone-free	No

Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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Dimensions Drawings

Dimensions

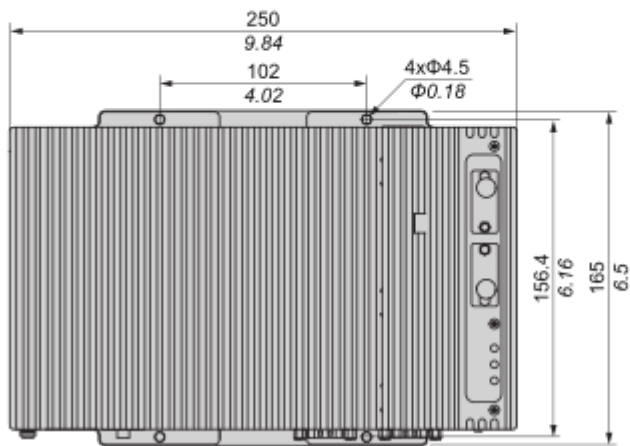
Basic Box

External Dimensions

mm
in



(3)



(1)

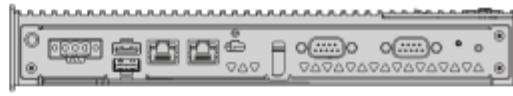
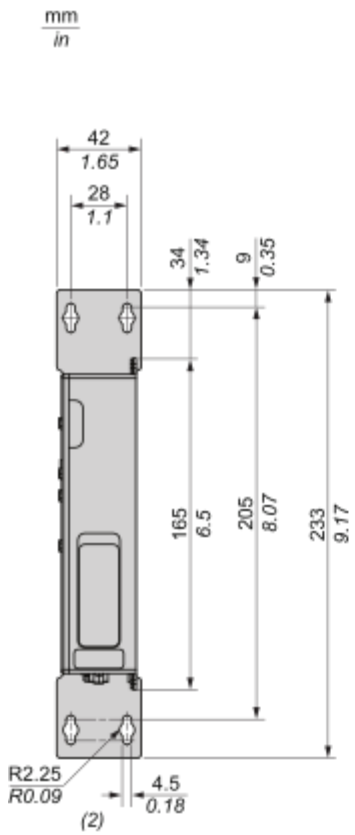


(2)

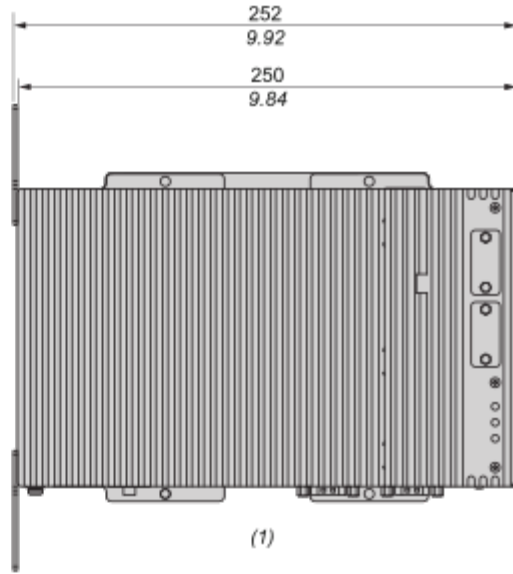
- (1) : Front
- (2) : Left
- (3) : Bottom

Dimensions with Book Mount Adapter

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(3)



(7)

- (1) : Front
(2) : Right
(3) : Bottom

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Image of product / Alternate images

Alternative

