

Product data sheet

Specifications

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



HMIP6DBB0NA0WVAN00

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 separately) Stratus EverRun (exchange partner) (license to be purchased separately) Trellix (license to be purchased separately)

Complementary

Display resolution	4096 x 2304 pixels at 60 Hz
Backlight lifespan	50000 hours at 77 °F (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
Inrush current	30 A
Device mounting	Panel mounting
Width	9.8 in (250 mm)
Depth	1.5 in (37 mm)
Height	6.5 in (165 mm)
Net weight	3.7 lb(US) (1.7 kg)

Environment

Standards	EN/IEC 61000-4-2 IEC 61000-4-4 FCC part 15 UL 61010-2-201
Pollution degree	2
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
Operating altitude	2000 m
NEMA degree of protection	NEMA 4X/13
Ambient air temperature for operation	32...131 °F (0...55 °C) wall mounting side 32...131 °F (0...55 °C) book mounting side 32...131 °F (0...55 °C) flat mounting top 32...131 °F (0...55 °C) panel top 32...122 °F (0...50 °C) panel with 19" W, 22" W display) side
Ambient air temperature for storage	-4...140 °F (-20...60 °C)
Relative humidity	10...90 % non-condensing
Vibration resistance	9.8 m/s ² 9...150 Hz) - M.2 SSD - IEC 61131-2
Shock resistance	147 m/s ² X, Y, Z directions for 3 times
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV contact discharge IEC 61000-4-2 level 3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.142 in (15.600 cm)
Package 1 Width	13.504 in (34.300 cm)
Package 1 Length	15.591 in (39.600 cm)
Package 1 Weight	5.260 lb(US) (2.386 kg)

Contractual warranty

Warranty (in months)	18
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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	2 111 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	140 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.9 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 968 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

F-gas usage performance	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
SCIP Number	Df644fea-f5fa-4b8a-a06e-76d7dac05fe5
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen content performance	Product contains halogen above thresholds
PVC free	No
Silicon free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	84
Circularity Profile	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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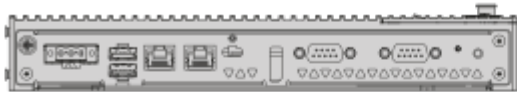
Dimensions Drawings

Dimensions

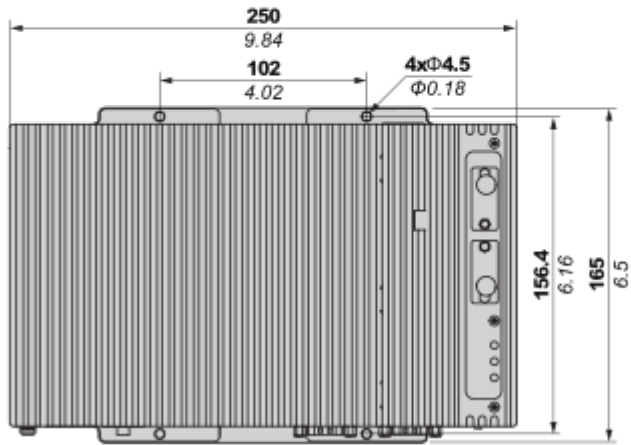
Basic Box

External Dimensions

mm
in



(3)



(1)

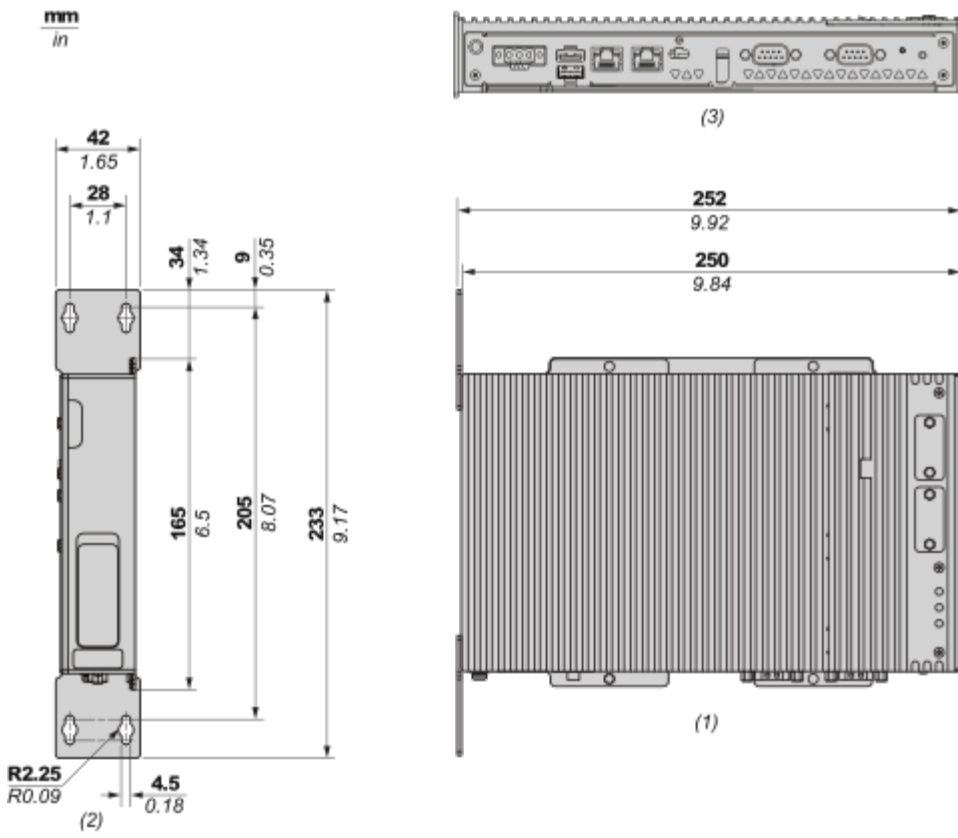


(2)

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

Dimensions with Book Mount Adapter

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

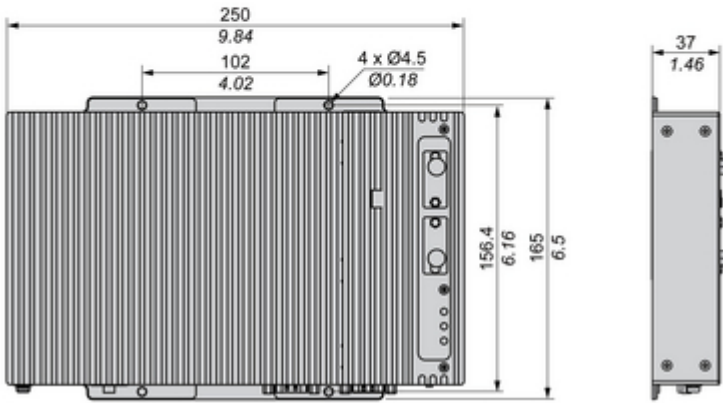
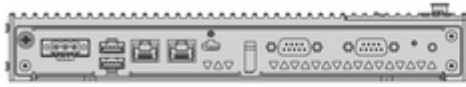
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Technical Illustration

Dimensions

mm
in.

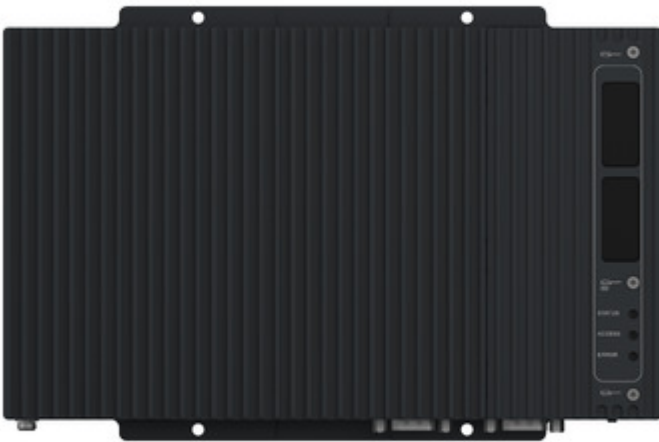
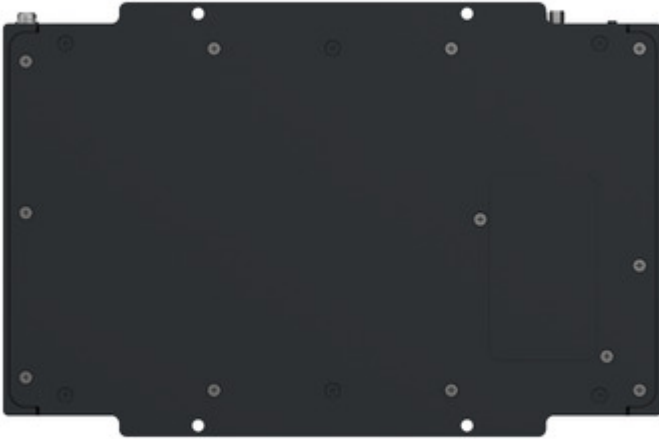
Basic Box



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Image of product / Alternate images

Alternative



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