

Product data sheet

Specifications



Panel PC, Harmony P6, IPC, display size 12.1 inch, 4 core

HMIP6D6B0NA0WNAN00

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony P6
Product or Component Type	Modular box PC Touch panel screen
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 size	12.1 inch
Aspect ratio	4:3
Display Type	LED
Display resolution	4096 x 2304 pixels at 60 Hz
Display colour	16 million colours
Pixel resolution	1280 x 800
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
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Width	12.4 in (315 mm)
Depth	2.6 in (67 mm)
Height	9.5 in (241 mm)
Product Weight	9.04 lb(US) (4.1 kg)

Environment

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

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

Product certifications	CE CULus UL 61010-2-201 CSA RCM UKCA DNV ATEX zone 2 ATEX zone 22 dust CULus Class 1 Division 2 IECEEx zone 2 IECEEx zone 22
IP degree of protection	IP20 conforming to IEC 61131-2 IP66f IP67f
Operating altitude	6561.68 ft (2000 m)
NEMA degree of protection	NEMA 4X/13
Ambient air temperature for operation	32...131 °F (0...55 °C) panel 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/s² 9...150 Hz) - M.2 SSD - 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 IEC 61000-4-2 level 3

Ordering and shipping details

Category	US10MC222577
Discount Schedule	0MC2
GTIN	3606486434963
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	15.9 in (40.3 cm)
Package 1 Width	15.8 in (40.1 cm)
Package 1 Length	5.6 in (14.3 cm)
Package weight(Lbs)	148.1 oz (4200 g)

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	2 747 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	248 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.6 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 493 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 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	3e485f57-089b-461f-87ef-eb75768c4245
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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 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 %	55
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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.

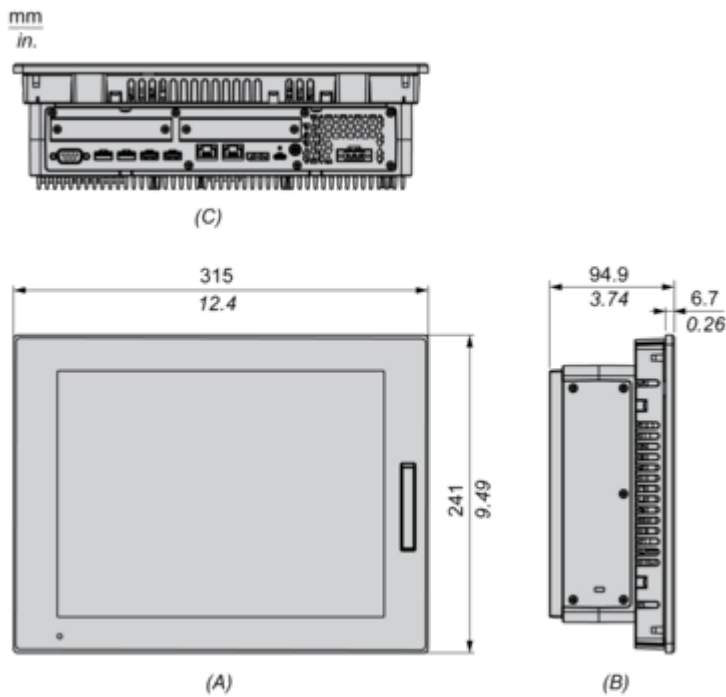
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Dimensions Drawings

Dimensions

12-inch Advanced Model

External Dimensions

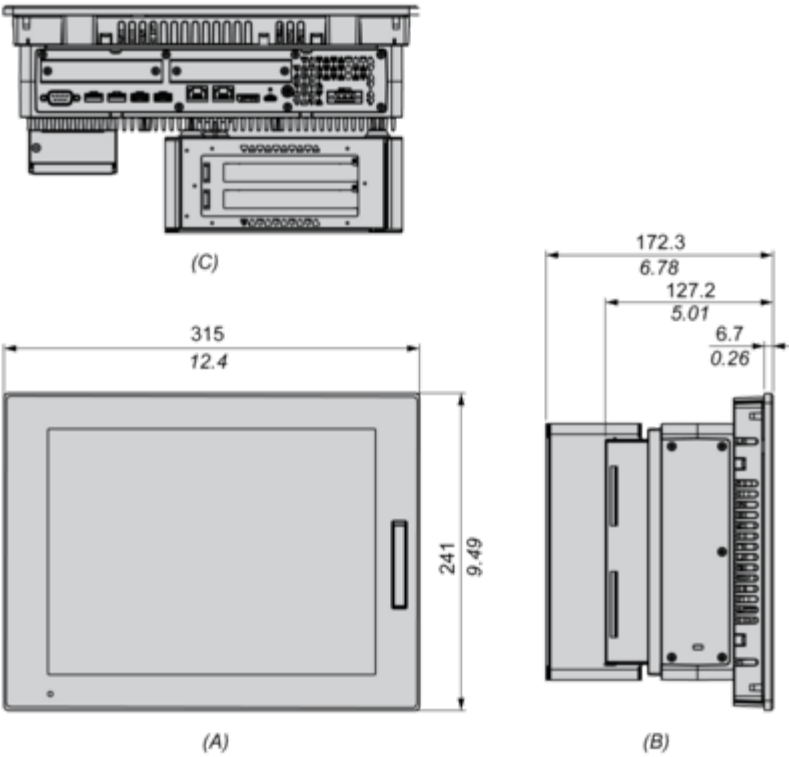


- (A) : Front
- (B) : Left
- (C) : Bottom

External Dimensions with PCI/PCle Slots and FAN kit

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mm
in.

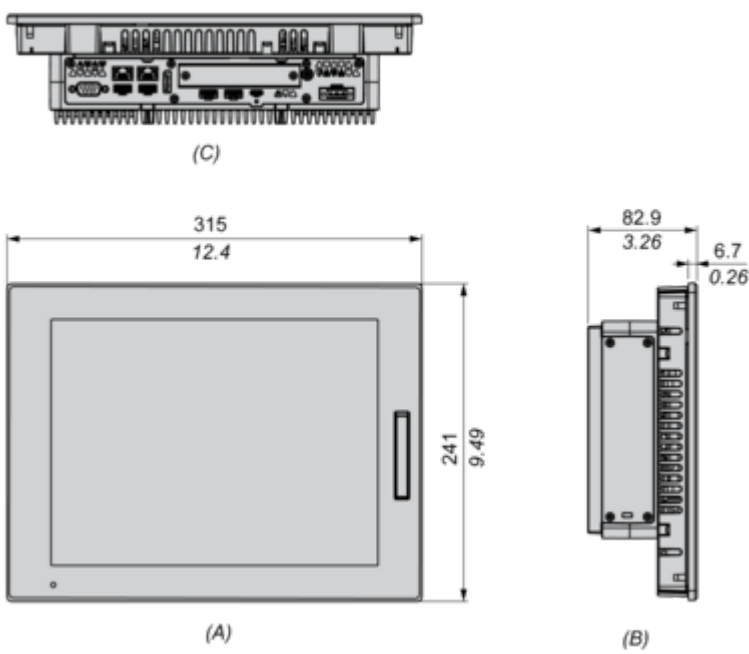


- (A) : Front
- (B) : Left
- (C) : Bottom

12-inch Standard Model

External Dimensions

mm
in.

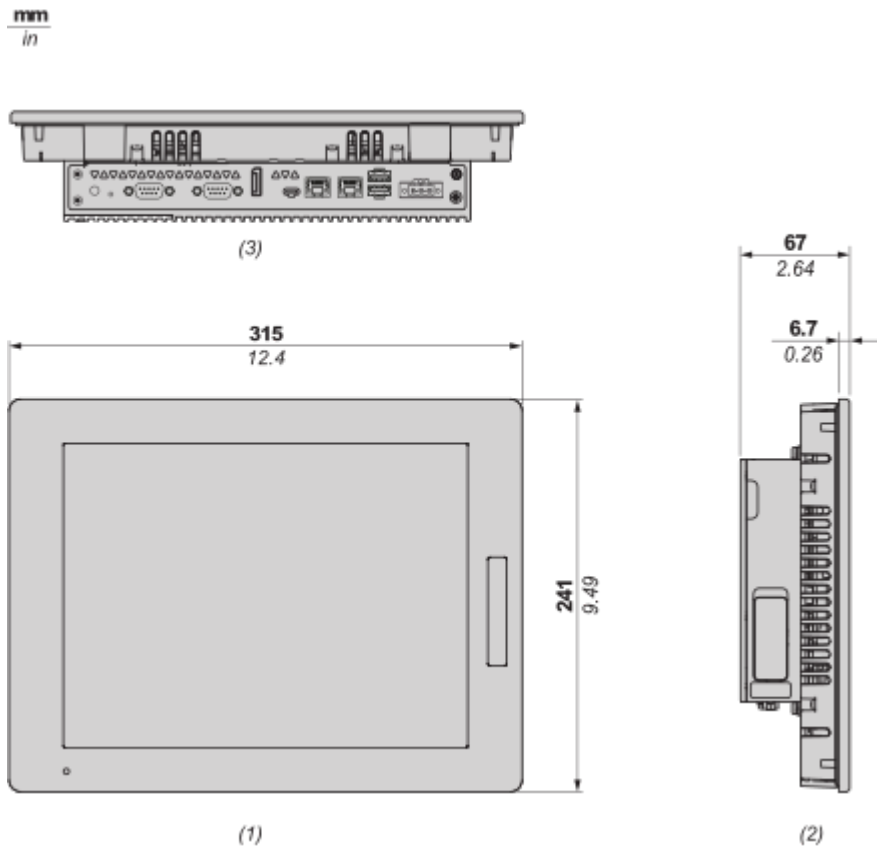


- (A) : Front
- (B) : Left
- (C) : Bottom

Dimensions

12-inch Basic Model

External Dimensions



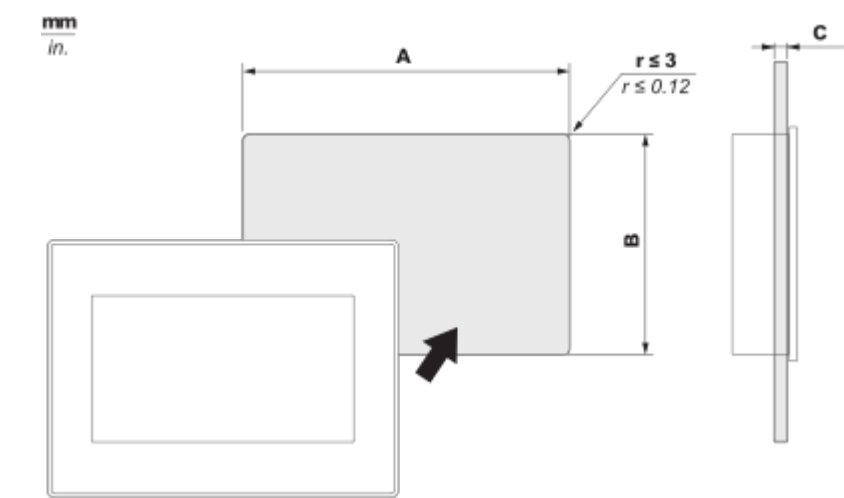
- (1) : Front
- (2) : Left
- (3) : Bottom

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Mounting and Clearance

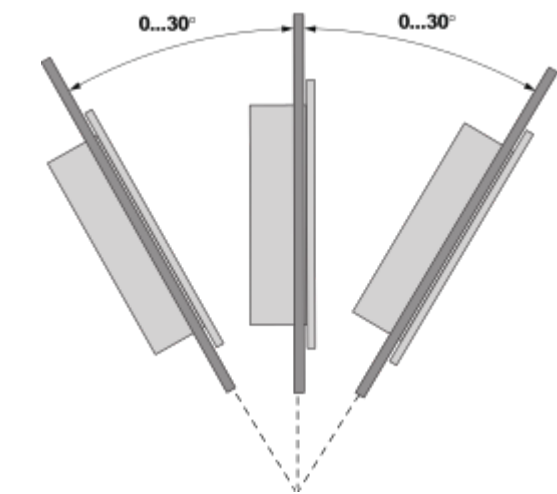
Mounting

Panel Cut Dimensions



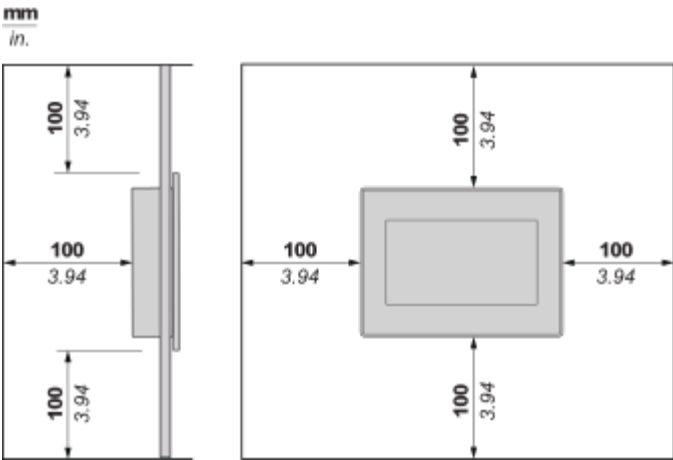
A		B		C	
mm	in.	mm	in.	mm	in.
301.5 (+1/-0)	11.87 (+0.04/-0)	227.5 (+1/-0)	8.96 (+0.04/-0)	1.6...5	0.06...0.2

Mounting Angle



When installing this product in a slanted position, the product face should not incline more that 30°.

Clearance



Technical Illustration

Dimensions

mm
in.

12-inch Basic Model

