

Product data sheet

Specifications



Panel PC, Harmony P6, display size 21.5 inch, 2 core

HMIP6AAB0NA0DNAN00

Product availability: Stock - Normally stocked in distribution facility

Price*: 2,985.00 USD

Main

Range of Product	Harmony P6
Product or Component Type	Modular box PC Touch panel screen
Device short name	HMIP6A
Operating system	Windows 10 IoT Enterprise 64 bitmulti-language
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)
Video controller type	Intel UHD Graphics for 10th Gen

Complementary

display size	21.5 inch
Aspect ratio	16:9
Display Type	LED
display resolution	4096 x 2304 pixels
Display colour	16 million colours
Pixel resolution	1920 x 1080
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
Power consumption in W	70 W
Inrush current	30 A
Type of cooling	Fanless
Device mounting	Panel mounting VESA mounting
Cut-out dimensions	518.5 (+1/-0) x 316.5 (+1/-0) mm
Width	21.0 in (532.6 mm)
Depth	2.7 in (69 mm)
Height	13.02 in (330.6 mm)
Net Weight	18.08 lb(US) (8.2 kg)

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

Environment

Standards	EN/IEC 61000-4-2 IEC 61000-4-4 FCC part 15 UL 61010-2-201
Product certifications	CE CULus CSA UL 61010-2-201 RCM UKCA
IP degree of protection	IP20 conforming to IEC 61131-2 IP66f IP67f
NEMA degree of protection	NEMA 4X/13
Ambient air temperature for operation	32...131 °F (0...55 °C) wall mounting side 32...122 °F (0...50 °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
Pollution degree	2
Operating altitude	6561.68 ft (2000 m)
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
Display resolution	4096 x 2304 pixels at 60 Hz
Integrated connection type	Display port 1 DP bottom DP++ Ethernet 2 RJ45 10 BASE-T/100 BASE-TX/1000 BASE-T 10/100/1000 Mbps bottom IEEE 1588 supported COM serial link 2 plug SUB-D 9 RS232C/RS422/RS485 2400...115200 bps bottom non-isolated USB 3.1 port 2 USB type A 5 Gbit/s bottom USB 3.0 port 1 USB type C 5 Gbit/s bottom TPM (Trusted Platform Module version 2) cyber security - hardware encryption TPM module by default motherboard
Processor name	Intel Atom x6211E 1.3 GHz turbo boost at 3.0 GHz

Ordering and shipping details

Category	US10MC222577
Discount Schedule	0MC2
GTIN	3606486434932
Returnability	Yes
Country of origin	JP

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.6 in (49.7 cm)
Package 1 Width	23.6 in (60 cm)

Package 1 Length	5.6 in (14.3 cm)
Package 1 Weight	310.4 oz (8800 g)

Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Mercury Free

 RoHS Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
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

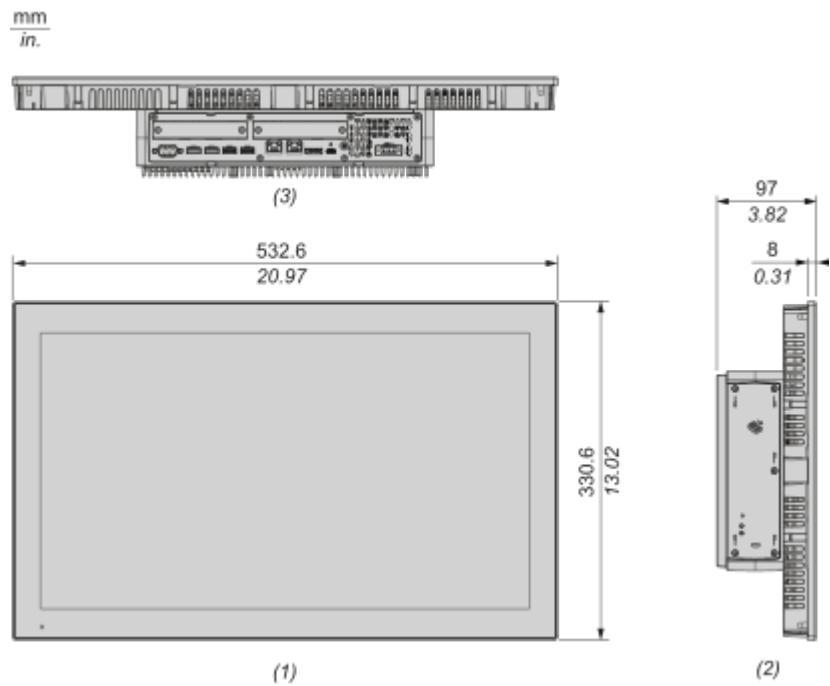
Product data sheet HMIP6AAB0NA0DNAN00

Dimensions Drawings

Dimensions

22-inch Wide Advanced Model

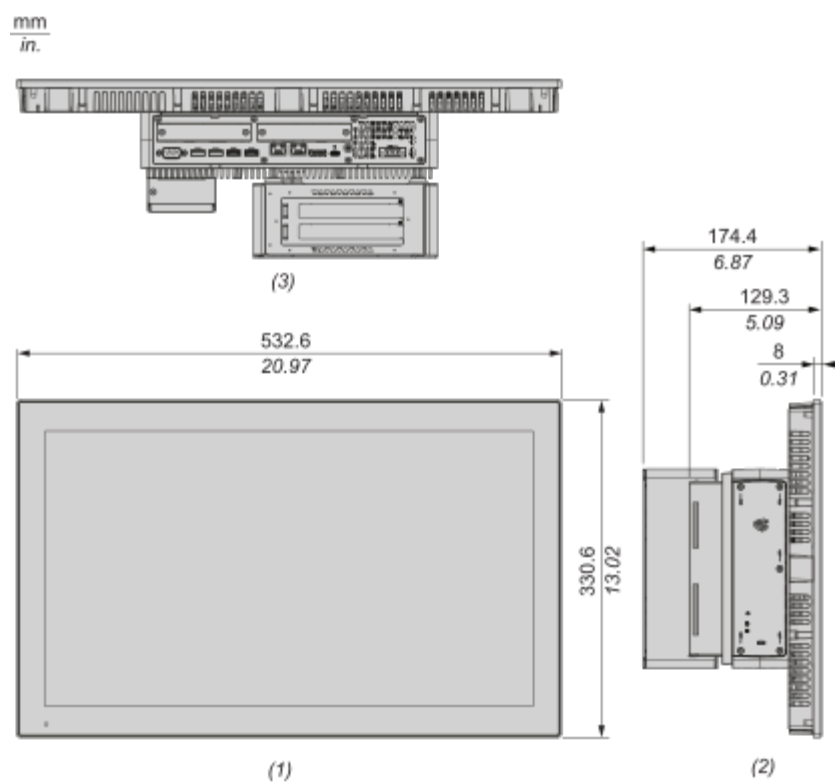
External Dimensions



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

External dimensions with PCI/PCle slots and Fan kit

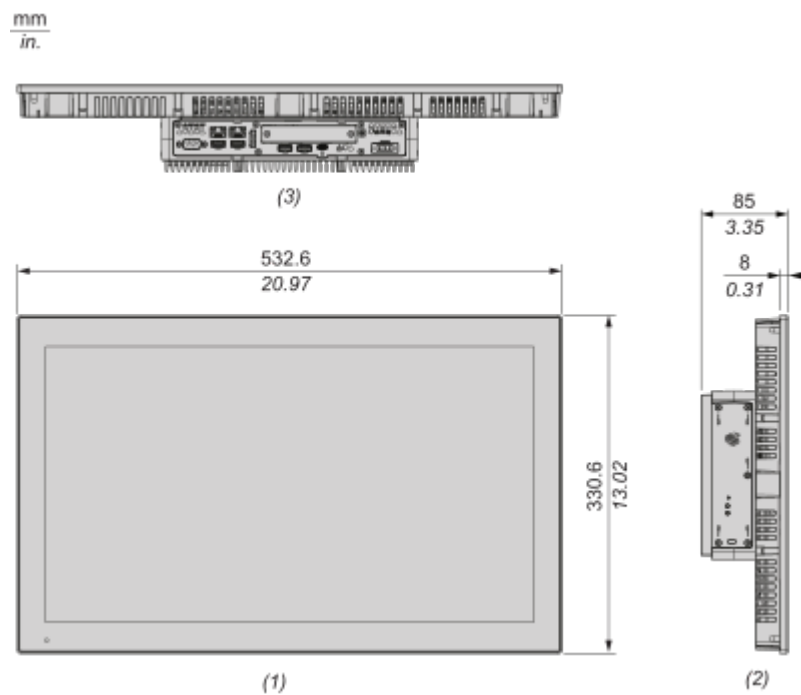
Product data sheet HMIP6AAB0NA0DNAN00



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

22-inch Wide Standard Model

External Dimensions

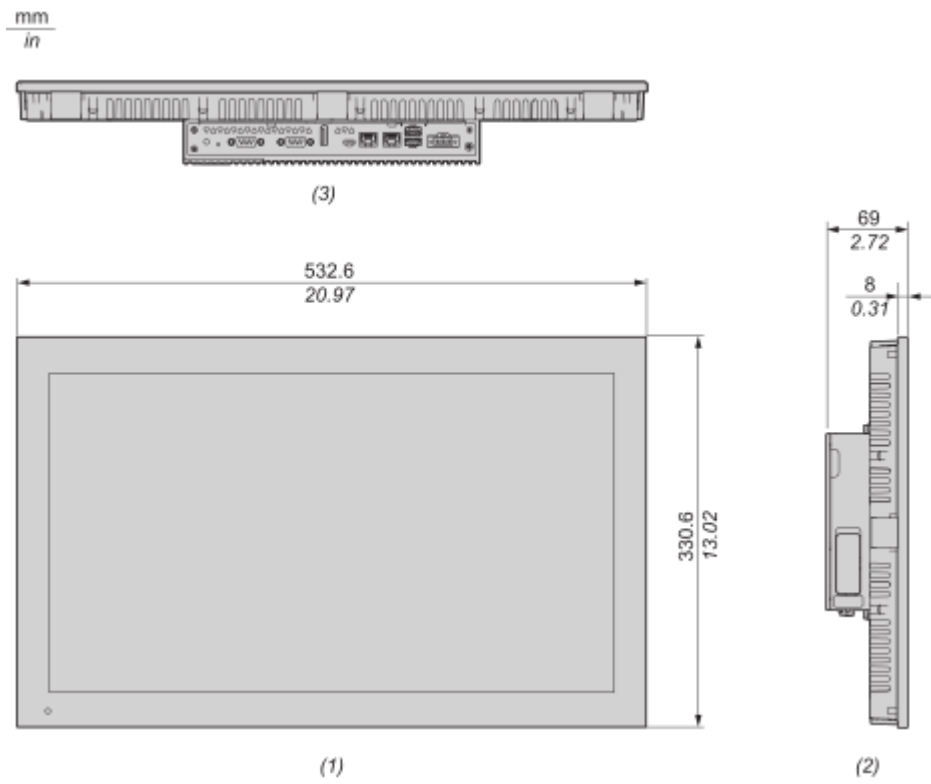


- (1) : Front
- (2) : Left
- (3) : Bottom

Dimensions

22-inch Wide Basic Model

External Dimensions



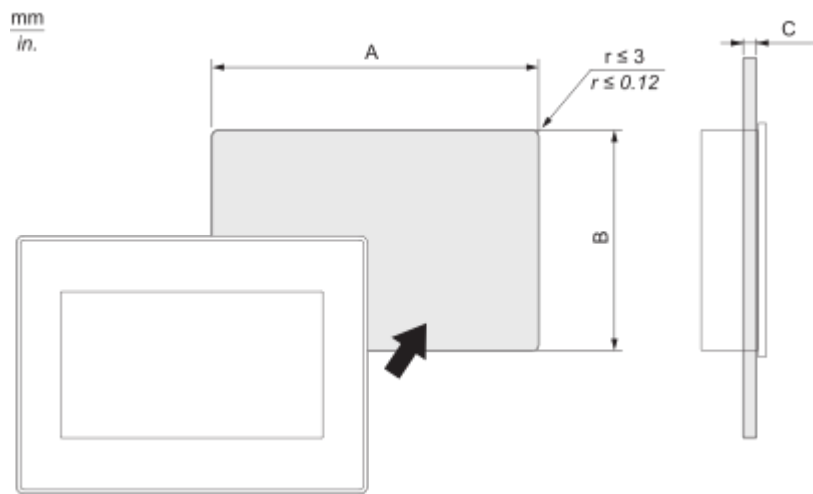
- (1) : Front
(2) : Left
(3) : Bottom

Product data sheet HMIP6AAB0NA0DNAN00

Mounting and Clearance

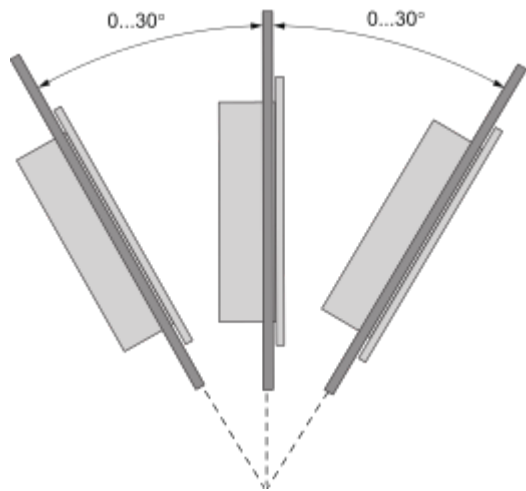
Mounting

Panel Cut Dimensions



A		B		C	
mm	in.	mm	in.	mm	in.
518.5 (+1, -0)	20.41 (+0.04, -0)	316.5 (+1, -0)	12.46 (+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 than 30°.

Clearance

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