

Product data sheet

Specifications



flat screen, Harmony iPC, 12inch wide display, multi touch, for modular box pc

HMIDM6521

! Discontinued - Service only

! Discontinued on: Jun 20, 2025

! To be end-of-service on: Apr 30, 2029

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony iPC
Terminal type	Touchscreen display
Product or Component Type	Flat screen

Complementary

View angle horizontal x vertical	140 x 115°
Contrast Ratio	500:1
Touchscreen resolution	2048 x 2048
Display resolution	1280 x 800 pixels WXGA
Display type	Colour TFT LCD LED
Luminance	27.9 fc (300 cd/m²)
Touch panel	Multi-touch projected capacitive technology (PCT)
Function Available	Operate with water on screen
Product Compatibility	Modular Box PC
Display size	12.1 inch
Aspect ratio	16:9
[Us] rated supply voltage	24 V DC power supply 100...240 V AC power supply
Supply voltage limits	18...36 V
Display colour	16777216 colors
Local signalling	Status LED
Inrush current	8.9 A
Width	19.2 in (488.3 mm)
Height	12.2 in (309 mm)
Product Weight	4.96 lb(US) (2.25 kg)

Environment

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

Standards	Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142 UL 6110-2-201 Class I division 2 ANSI/ISA 12-12-01
Pollution degree	2
Product certifications	IEC-Ex EAC CE C-tick
Operating altitude	6561.68 ft (2000 m)
NEMA degree of protection	NEMA 4X
Ambient air temperature for operation	32...131 °F (0...55 °C)

Ordering and shipping details

Category	US10MC222574
Discount Schedule	0MC2
GTIN	3606481245540
Returnability	Yes
Country of origin	TW

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.236 in (26.000 cm)
Package 1 Width	17.717 in (45.000 cm)
Package 1 Length	18.898 in (48.000 cm)
Package weight(Lbs)	8.730 lb(US) (3.960 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	6
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	47.244 in (120.000 cm)
Package 2 Weight	84.878 lb(US) (38.500 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	383 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	66 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	303 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	9 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	5dc260f8-71ed-4cb7-a2e6-05d0987d6ab8
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



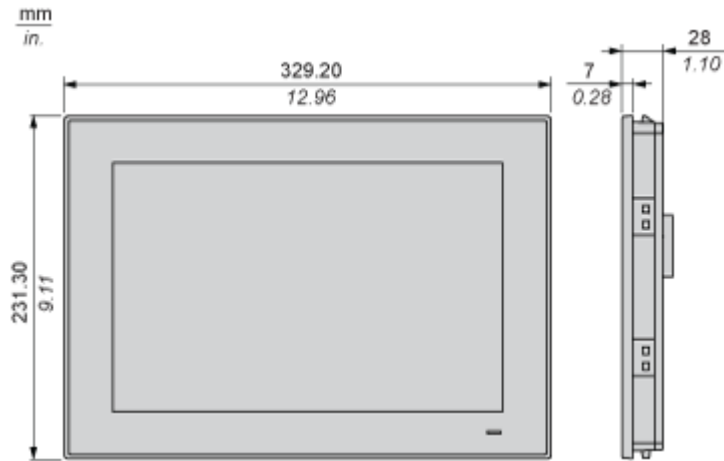
Repack and remanufacture

Recyclability potential, in %	44
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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.

Dimensions Drawings

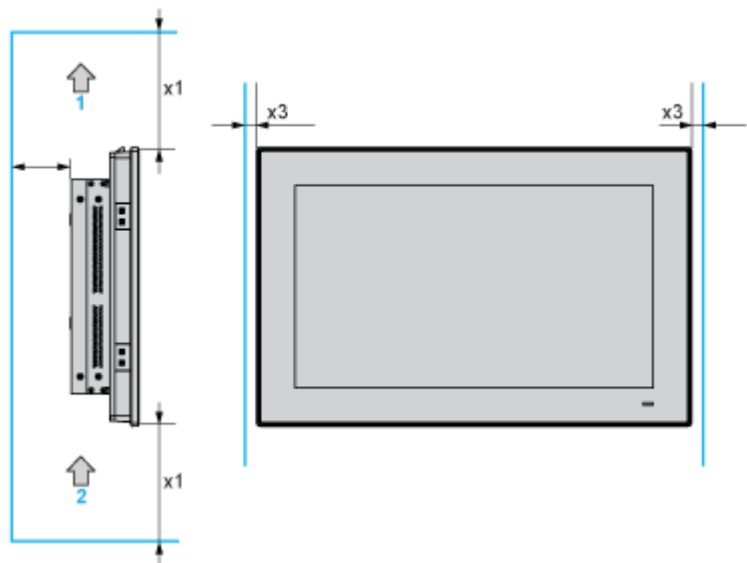
Display Dimensions



Mounting and Clearance

Spacing requirements - Mounted with Display adaptor HMIDAD

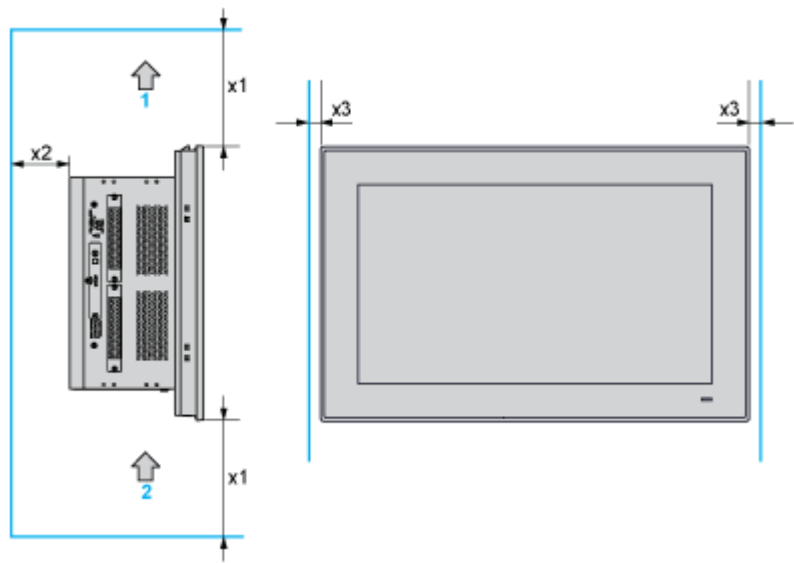
In order to provide sufficient air circulation, mount the Display Adapter so that the spacing above, below and on the sides of the unit is as follows:



- 1 : Air out
- 2 : Air in
- x1 > 100 mm (3.93 in)
- x2 > 50 mm (1.96 in)
- x3 > 15 mm (0.59 in)

Spacing Requirements - Mounted with Modular Box PC HMIBM

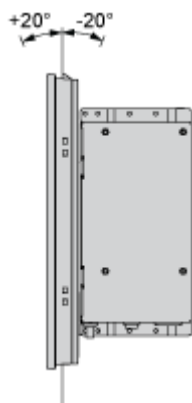
In order to provide sufficient air circulation, mount the display so that the spacing above, below and on the sides of the unit is as follows:



- 1 : Air out
- 2 : Air in
- x1 > 100 mm (3.93 in)
- x2 > 50 mm (1.96 in)
- x3 > 15 mm (0.59 in)

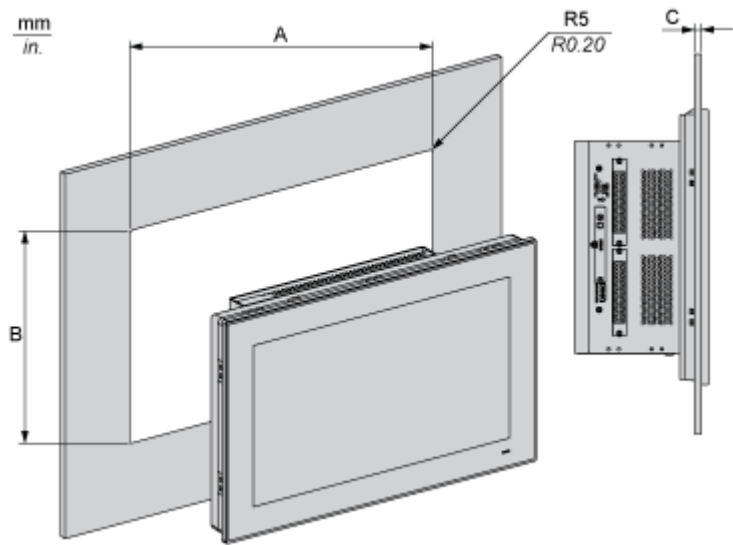
Mounting Orientation

The following figure shows the allowed mounting orientation for the display:



Panel Cut Dimensions

For cabinet installation, you need to cut the correctly sized opening in the installation panel according to the model of display.



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
310	12.2	221	8.7	2...6	0.08...0.24	5	0.20