Product data sheet

Specifications

flat screen, Harmony iPC, 15inch wide display, single touch, for modular box pc

HMIDM7421

⚠ **Discontinued on:** Apr 30, 2025

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

⚠ **To be discontinued**

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	1024 x 768 pixels XGA
Display type	LED Colour TFT LCD
Luminance	27.9 fc (300 cd/m²)
Touch panel	Single touch analogue resistive
Function Available	Operate with water on screen
Product Compatibility	Modular Box PC
Display size	15 inch
Aspect ratio	4:3
[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
Pixel resolution	2048 x 2048
Local signalling	Status LED
Inrush current	8.9 A
Device mounting	Flush
Width	15.4 in (390.7 mm)
Height	11.4 in (290 mm)
Product Weight	9.3 lb(US) (4.2 kg)

Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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
Operating altitude	6561.68 ft (2000 m)
Product certifications	EAC
	ATEX
	C-tick
	IEC-Ex
	Marine GL Bridge
	CE
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	3606480853661
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.09 in (23.100 cm)
Package 1 Width	24.33 in (61.800 cm)
Package 1 Length	29.13 in (74.000 cm)
Package 1 Weight	15.366 lb(US) (6.970 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	5
Package 2 Height	41.34 in (105.000 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	47.24 in (120.000 cm)
Package 2 Weight	154.324 lb(US) (70.000 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

|	
Carbon footprint (kg CO2 eq, Total Life cycle)	**782**
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	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
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**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

# Product data sheet   HMIDM7421

Dimensions Drawings

Dimensions
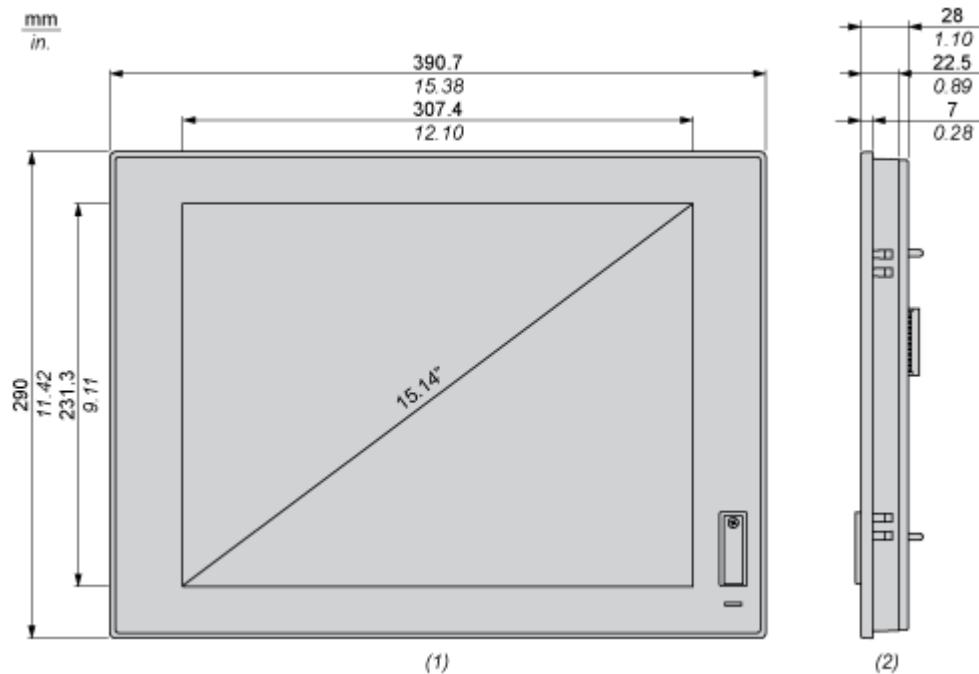
(1) Front view

(2) Right view

Mounting and Clearance

Spacing Requirements

1 :   Air out

2 :   Air in
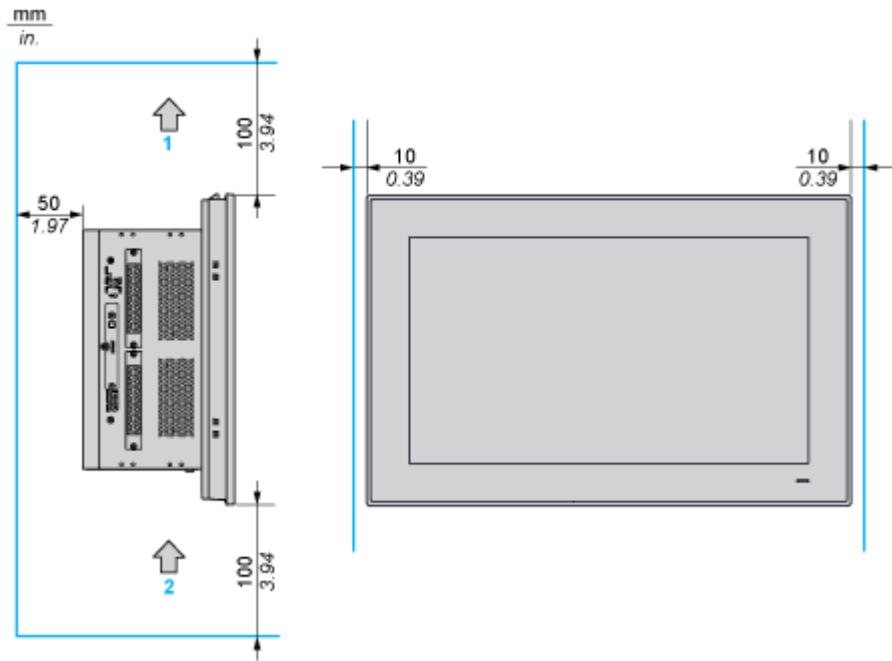
Mounting Orientation

+20°   -20°
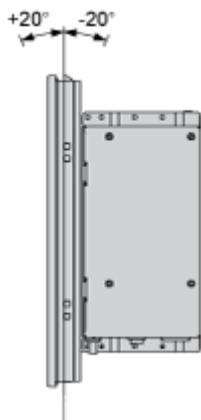
Panel Cut Dimensions
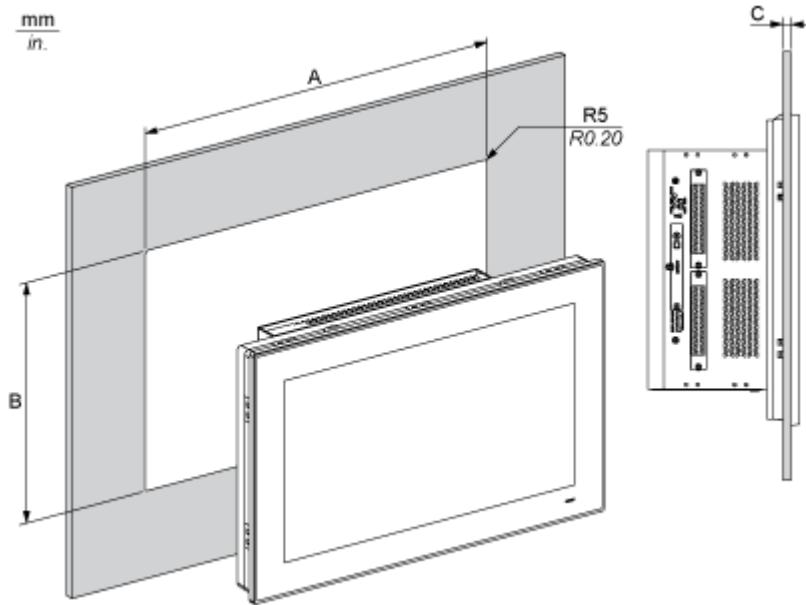
A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
383.5	15.09	282.5	11.12	2...6	0.08...0.23	5	0.20