HMIPSO0552D1001

Multi touch screen, Harmony iPC, S Panel PC Optimized W10 DC, Base unit

Main

Range of product	Harmony iPC
Product or component type	Multi-touch screen
Processor name	Intel Atom E3827 dual core at 1.75 GHz
Chipset type	Intel Atom SoC
Free slots	1 CFast
Display size	10.1 inch
Display colour	267000 colours
Luminance	300 cd/m²
Pixel resolution	4096 x 4096
Video controller type	Intel HD Graphics
Software package	EcoStruxture secure connect advisor annual subscription cyber security license not included EcoStruxure Operator Terminal Expert run time HMI license not included EcoStruxure Machine SCADA Expert run time HMI/SCADA on configured offer only EcoStruxure augmented operator advisor server augmented operator license not included

Complementary

Number of points	5
Terminal type	Touchscreen display
Memory type	4 GB RAM DDR3 internal
Data storage equipment	CFast card
Aspect ratio	16:9
Display type	Colour TFT LCD LED
Display resolution	1280 x 800 pixels WSVGA
Backlight lifespan	50000 hours
View angle horizontal x vertical	160 x 160°
Touch panel	Projected capacitive technology (PCT)
Type of cooling	Fanless Passive
Watchdog timer	1…255 ms
[Us] rated supply voltage	24 V DC +/- 20 % 100...240 V AC with additional adaptor HMIYPSOMAC1

Jun 26, 2021

[In] rated current	1.9 A
Mechanical robustness	Hardness anti-scratch 7H
Local signalling	Buzzer LED (green) for on LED (orange) for stand-by
Function available	Operate with water on screen
Width	283.1 mm
Height	202.3 mm
Depth	61.3 mm
Cut-out dimensions	274.6 (+/- 0.7) x 193.8 (+/- 0.4)
Net weight	2.5 kg
Display size	10" wide multi-touch
Main type	Optimised

Environment

IP degree of protection	IP66 front panel:
Product certifications	RCM AS/NZS CCC EAC CE C-Tick
Standards	FCC part 15 class A UL 60950 CISPR 11 IEC 61000-6-2 IEC 60950 IEC 61000-6-4 CSA C22.2 No 60950
Directives	2006/95/EC - low voltage directive 2004/108/EC - electromagnetic compatibility
Pollution degree	2
Ambient air temperature for operation	0…55 °C SSD 0…55 °C Cfast card 0…45 °C HDD 0…45 °C Mini PCIe
Ambient air temperature for storage	-20…60 °C
Relative humidity	10…95 % non-condensing
Operating altitude	2000
Vibration resistance	1 gn (f = 5…500 Hz)HDD 2 gn (f = 5…500 Hz)SSD 2 gn (f = 5…500 Hz)Cfast card

Packing Units
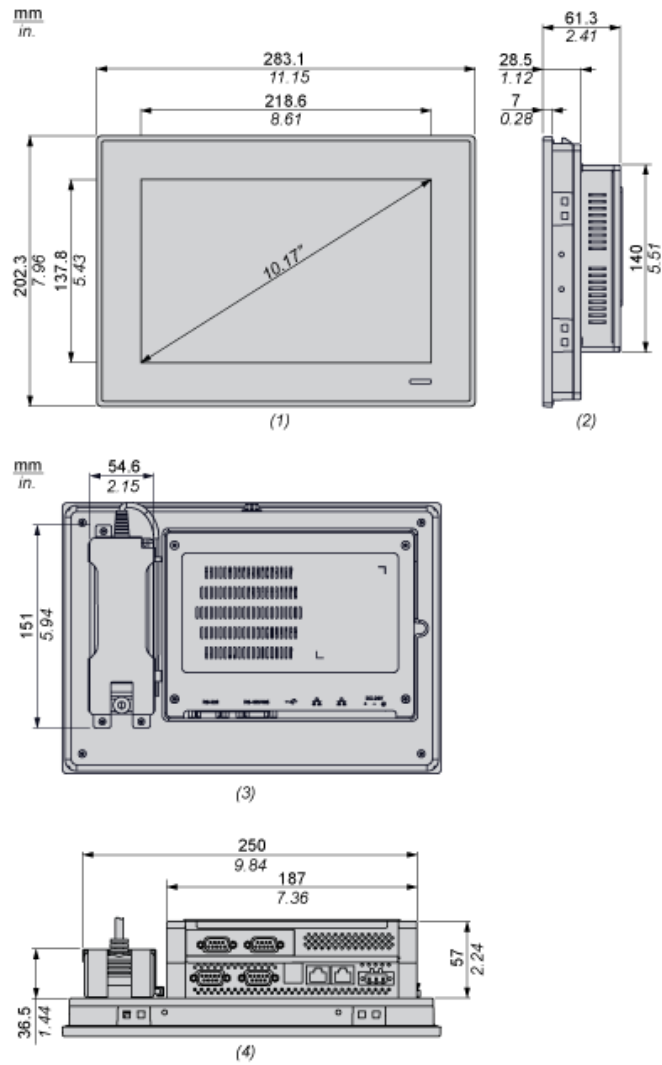
Package 1 Weight	2.500 kg
Package 1 Height	61.000 mm
Package 1 width	202.000 mm
Package 1 Length	283.000 mm

Offer Sustainability

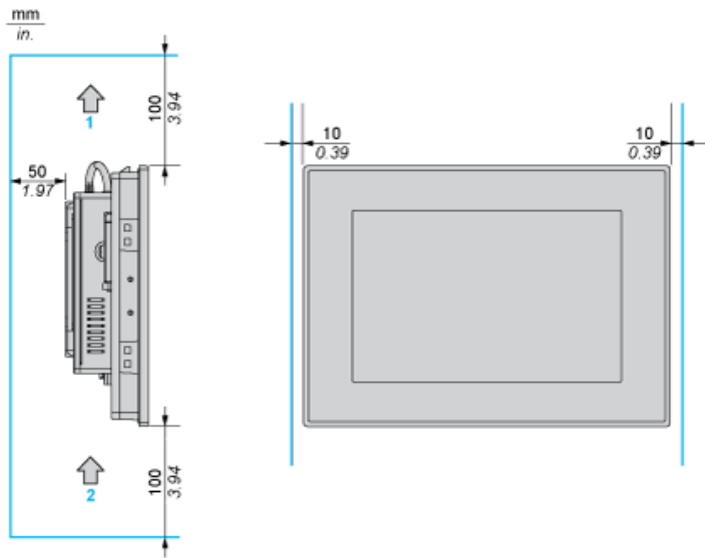|	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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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

Dimensions

(1)   Front view
(2)   Right view
(3)   Back view
(4)   Bottom view

Spacing Requirements

1 :   Air out
2 :   Air in
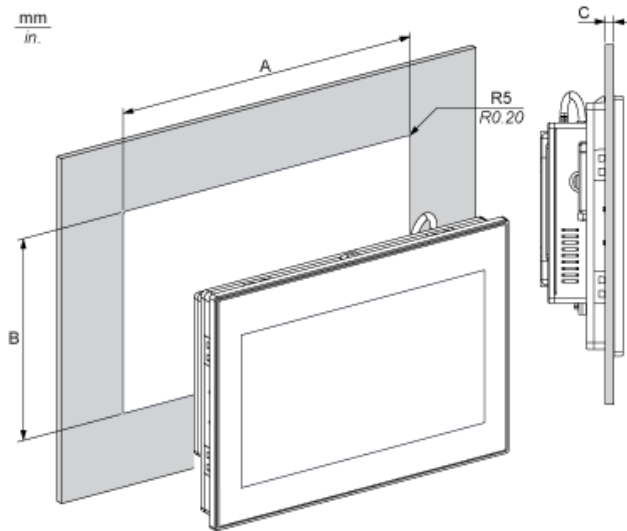
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Mounting Orientation

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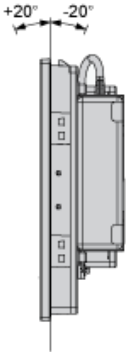
Panel Cut Dimensions

A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
274.6	10.81	193.8	7.63	2...6	0.08...0.23	5	0.20