



### Main

Range of product	Magelis iPC
Product or component type	Multi-touch screen
Processor name	Intel Atom E3827 dual core 1.75 GHz
Chipset type	Intel Atom SoC
Free slots	1 Internal SATA HDD/SSD 1 CFast
Display size	10.1 inch
Display colour	267000 colours
Luminance	300 cd/m <sup>2</sup>
Pixel resolution	4096 x 4096
Video controller type	Intel HD Graphics
Operating system	Windows 10 IoT Enterprise 64 bit (switched from Windows 8.1 in Q1 2018) multi-language
Software package	EcoStruxure 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	RAM DDR3 4 GB internal
Data storage equipment	80 GB SSD extension back side for 1500000 h
Aspect ratio	16:9
Display type	LED Colour TFT LCD
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
Integrated connection type	RS232 with 1 male SUB-D 9, transmission rate: <= 115.2 kbits/s RS485/RS422 with 1 male SUB-D 9, transmission rate: <= 115.2 kbits/s USB 3.0 type A with 1, transmission rate: 1.5/12/480 Mbit/s, 5 Gbit/s USB 2.0 type A with 1, transmission rate: 1.5/12/480 Mbit/s Ethernet port with 2 RJ45, transmission rate: 10/100/1000 Mbit/s
Number of slots	1 mini PCI Express full-size
[Us] rated supply voltage	24 V DC +/- 20 % 100...240 V AC with additional adaptor HMIYPSOMAC1
[In] rated current	1.9 A
Mechanical robustness	7H hardness anti-scratch
Local signalling	Buzzer Green LED for on Orange LED for stand-by
Function available	Operate with water on screen
Width	283.1 mm
Height	202.3 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Depth	85.5 mm
Cut-out dimensions	274.6 (+/- 0.7) x 193.8 (+/- 0.4)
Product weight	2.5 kg
Main type	Optimised

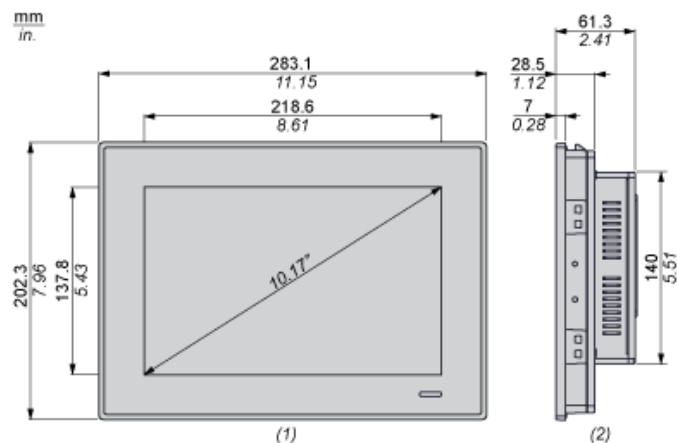
## Environment

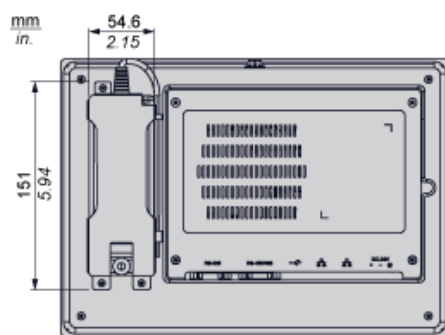
IP degree of protection	IP66 front panel
product certifications	AS/NZS CCC CE C-Tick RCM EAC
standards	CISPR 11 IEC 60950 IEC 61000-6-2 IEC 61000-6-4 UL 60950 FCC part 15 class A CSA C22.2 No 60950
directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive 2011/65/EU - RoHS directive 1907/2006/EC - REACH directive 2012/19/EU - WEEE directive
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 5...500 Hz HDD 2 gn 5...500 Hz SSD 2 gn 5...500 Hz Cfast card

## Offer Sustainability

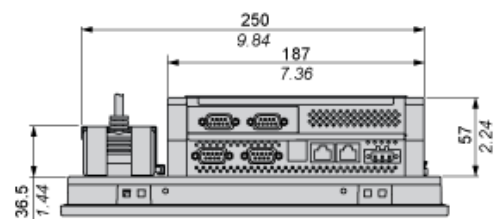
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1604 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

## Dimensions





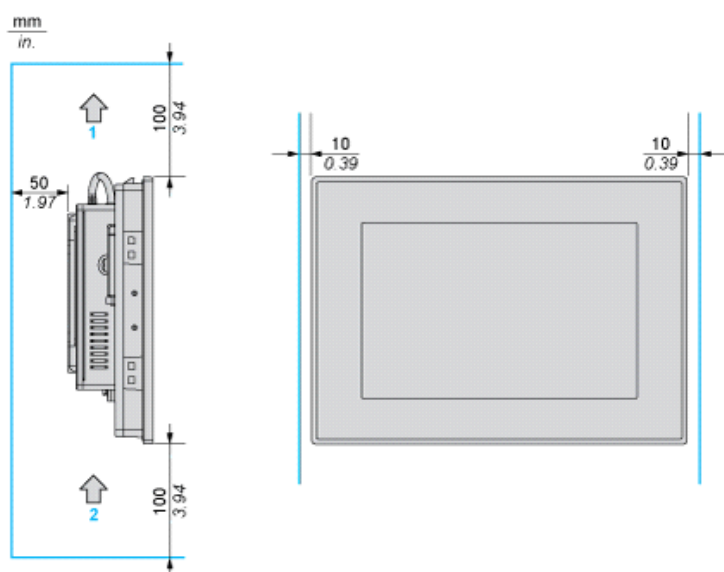
(3)



(4)

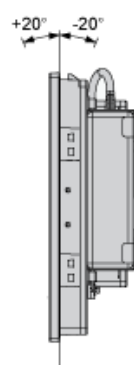
- (1) Front view
- (2) Right view
- (3) Back view
- (4) Bottom view

## Spacing Requirements

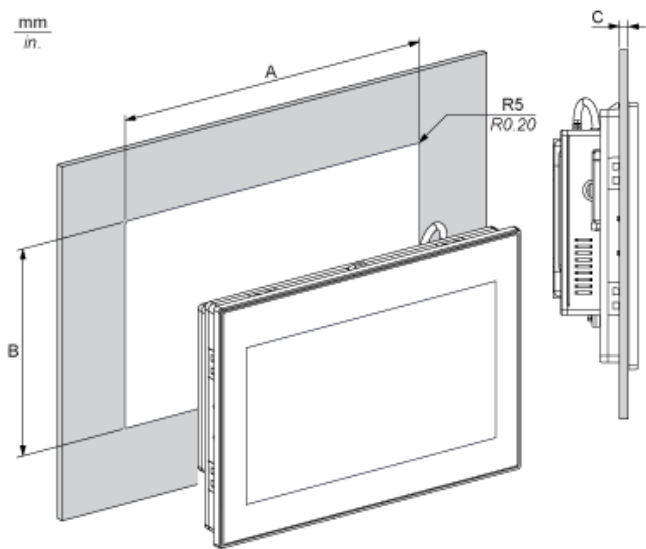


- 1 : Air out
- 2 : Air in

## Mounting Orientation



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