



Main

Range of product	Magelis iPC
Product or component type	Multi-touch screen
Processor name	Intel Core i3 4010U 1.7 GHz
Chipset type	Intel QM87
Free slots	1 Internal SATA HDD/SSD 1 CFAST
Display size	15.6 inch
Display colour	16777216 colors
Luminance	300 cd/m ²
Pixel resolution	4096 x 4096
Video controller type	Intel HD Graphics 4400
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 Vijeo Citect DVD SCADA license not included

Complementary

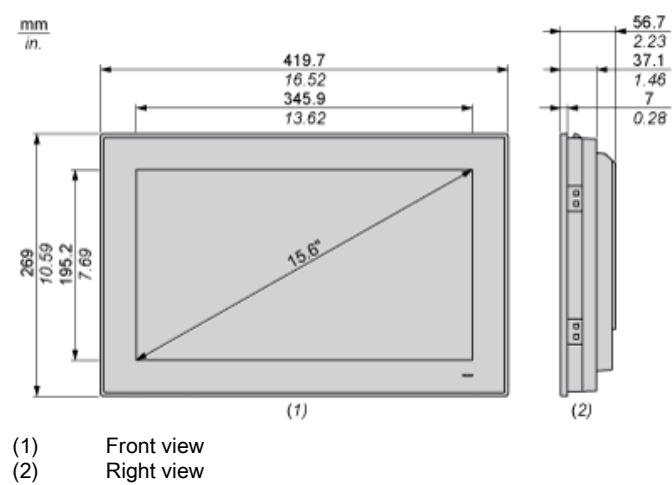
Number of points	5
Terminal type	Touchscreen display
Memory type	RAM DDR3 8 GB internal
Data storage equipment	180 GB SSD back side for 1500000 h
Aspect ratio	16:9
Display type	LED Colour TFT LCD
Display resolution	1366 x 768 pixels WXGA
Backlight lifespan	50000 hours
View angle horizontal x vertical	150 x 140°
Touch panel	Projected capacitive technology (PCT)
Type of cooling	Fanless Passive
Watchdog timer	1...255 ms

Electrical connection	Connector SMA connector for 3 ways
Integrated connection type	HDMI with 1 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 Ethernet port with 2 RJ45, transmission rate: 10/100/1000 Mbit/s USB 3.0 type A with 2, transmission rate: 1.5/12/480 Mbit/s, 5 Gbit/s
Number of slots	1 mini PCI Express full-size
[Us] rated supply voltage	100...240 V AC with additional adaptor HMIYPSPMAC1 24 V DC +/- 20 %
Power consumption in W	18...60 W
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	419.7 mm
Height	269 mm
Depth	56.7 mm
Cut-out dimensions	412.4 (+/- 0.7) x 261.7 (+/- 0.4)
Product weight	6 kg
Main type	Performance

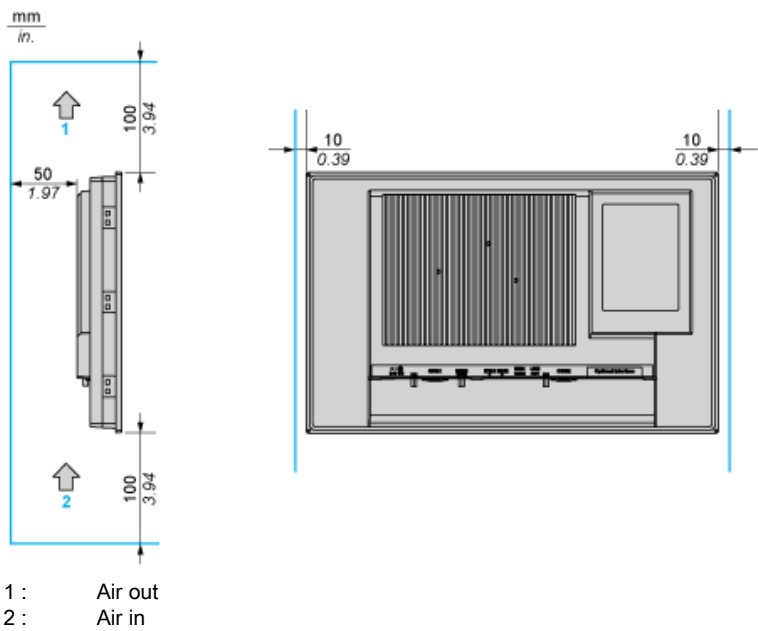
Environment

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

Dimensions



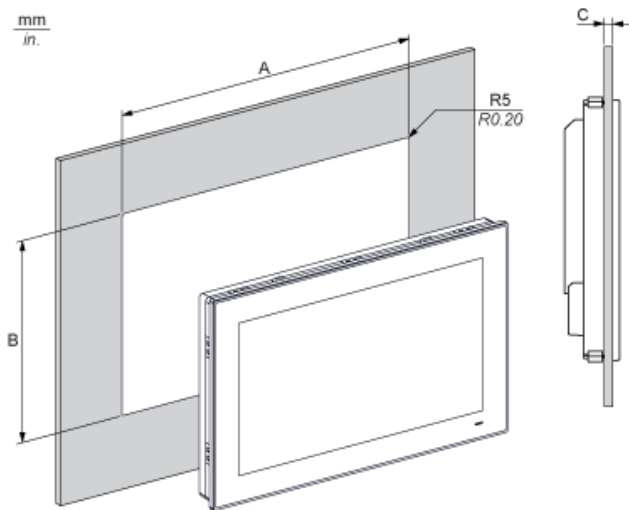
Spacing Requirements



Mounting Orientation



Panel Cut Dimensions



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
412.4	16.24	261.7	10.30	2...6	0.08...0.23	5	0.20