



Main

Range of product	Magelis iPC
Product or component type	PC panel
Terminal type	Touchscreen display
Processor name	Intel iCore 3rd generation 827E 1.5 MB - cache memory
Chipset type	Intel BD82HM76
Data storage equipment	Enterprise hard disk >= 500 GB
Display size	12 inch
Display type	Active matrix colour TFT LCD with LED backlight
Display resolution	1024 x 768 pixels XGA
Display colour	16 million colours

Complementary

Luminance	375 cd/m ²
Backlight lifespan	50000 hours at 25 °C
View angle horizontal x vertical	80 x 80°
Touch panel	Analogue resistive
Memory type	RAM DDR3, 2 GB, expandable to 16 GB
Video controller type	Intel HD Graphics 3000
Type of cooling	Fan
Integrated connection type	2 Ethernet port RJ45 COM1 serial link male SUB-D 9 RS232C 115 kbit/s bottom COM2 serial link male SUB-D 9 RS232C 115 kbit/s bottom DVI video port bottom Audio output mini-jack USB 2.0 type A 480 Mbit/s front panel 4 USB 3.0 type A 5 Gbit/s bottom
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
Operating system	Windows 7 64 bits Ultimate multi-language
Software package	Vijeo Designer run time demo
[Us] rated supply voltage	24 V DC (tolerance: +/- 25 %) power supply
Inrush current	7...60 A
Power consumption	130 W
Bezel material	Aluminium alloy
Material	Die cast aluminium
Display material	Polyethylene sheet
Fixing mode	By fixing kit on enclosure door fasteners included
Type of installation	Indoor
Control type	ON/OFF push-button for equipment ON and OFF Push-button for reset
Local signalling	LED multi-colour for power LED orange for accessing hard disk (DISK) LED for link status LED for RUN Buzzer
Width	313 mm
Height	239 mm
Depth	60 mm
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) x 1.6...9 mm
Product weight	4 kg

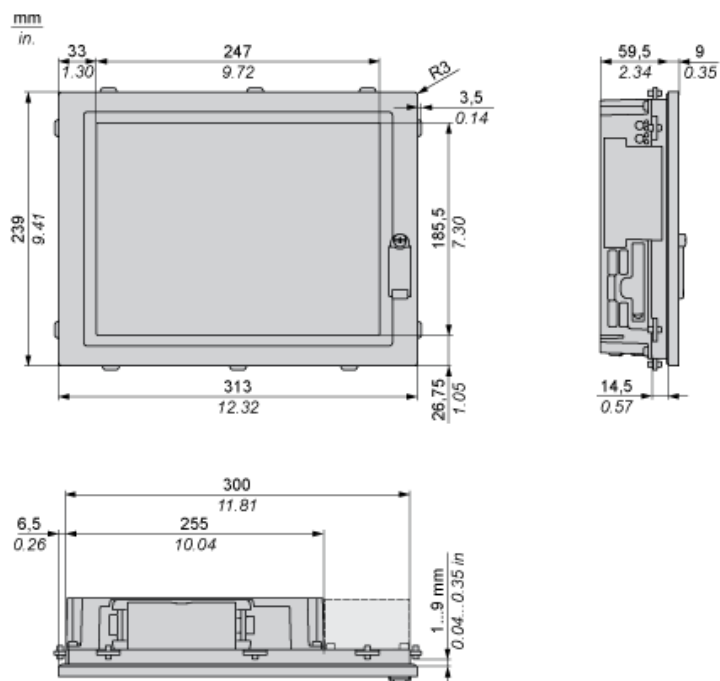
Environment

IP degree of protection	IP65 front panel conforming to EN/IEC 60529
NEMA degree of protection	NEMA 4X front panel
Product certifications	CULus 508 CULus CSA 22-2 No 142 CULus HazLoc Class I Division 2 UL 1604 CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01 CULus HazLoc Class I Division 2 CSA 22-2 No 213 GOST CE C-Tick
Pollution degree	2 conforming to EN/IEC 61131-2
Electromagnetic compatibility	Immunity to electromagnetic emissions class A conforming to EN 55022 Immunity to electromagnetic emissions class A conforming to EN 55011 Immunity to high frequency interference conforming to EN/IEC 61131-2 Immunity to high frequency interference conforming to EN/IEC 61000-4-x
Ambient air temperature for operation	0...50 °C, vertical installation conforming to UL 508 0...45 °C, vertical installation when using Gigabit Ethernet with HDD storage device conforming to UL 508 0...50 °C, vertical installation conforming to IEC 61132-2 0...45 °C, vertical installation when using Gigabit Ethernet with HDD storage device conforming to IEC 61132-2
Ambient air temperature for storage	-20...60 °C conforming to IEC 60068-2-2 test Bb -20...60 °C conforming to IEC 60068-2-14 test Na
Relative humidity	10...85 % non-condensing conforming to EN/IEC 60068-2-78 10...85 % non-condensing conforming to EN/IEC 60068-2-30
Operating altitude	2000 m conforming to EN/IEC 61131-2
Vibration resistance	1.75 mm (f = 2...9 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 3.5 mm (f = 2...9 Hz) intermittently conforming to EN/IEC 60068-2-6 Fc 0.5 gn (f = 9...200 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 1 gn (f = 9...200 Hz) intermittently conforming to EN/IEC 60068-2-6 Fc 1 mm (f = 3...13.2 Hz) continuous conforming to EN/IEC 60068-2-6 Fc 0.7 gn (f = 13.2...100 Hz) continuous conforming to EN/IEC 60068-2-6 Fc
Shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27, Ea tests

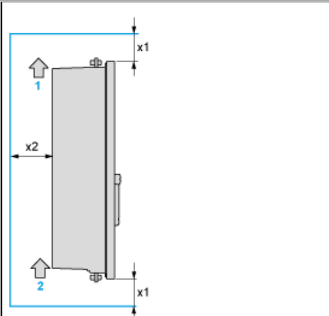
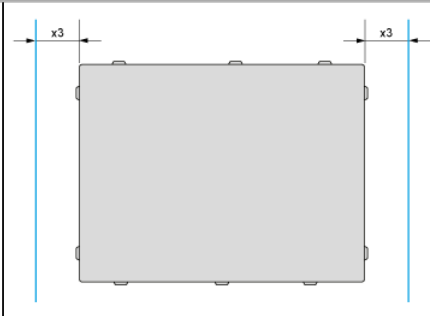
Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1426 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold

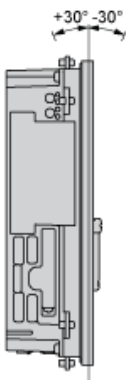
Dimensions



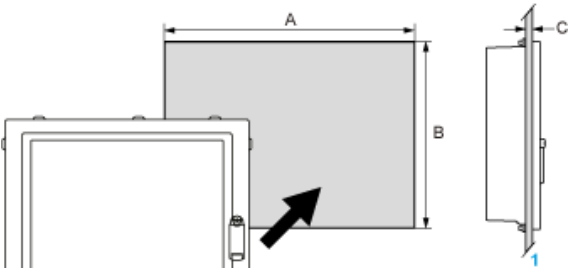
Spacing Requirement

Top, Bottom and Rear Sides	Left and Right Sides
 1 Air out 2 Air in	

Mounting Orientation



Panel Cut Dimensions



1 Installation panel

A	B	C
301.5 +1/0 mm (11.87 +0.04/0 in.)	227.5 +1/0 mm (8.96 +0.04/0 in.)	1.6...9 mm (0.06...0.35 in.)