



Main

Range of product	Magelis iPC
Product or component type	PC BOX
Device short name	S-BOX PC Optimum
Range compatibility	IDisplay
Processor name	Atom N270 1.6 GHz
Memory description	Internal RAM DDR2 2 GB
Free slots	1 Internal SATA HDD/SSD 1 Compact Flash card
Number of slots	1 mini PCI Express half-size

Complementary

Display resolution	1600 x 1200 pixels
Watchdog timer	1...255 ms
Type of cooling	Fanless
Integrated connection type	1 Ethernet - RJ45 2 USB 2.0 port 2 COM1 serial link - male SUB-D 9 - RS232 1 VGA
Port Ethernet	10BASE-T/100BASE-T/1000BASE-T
[Us] rated supply voltage	24 V DC (power supply)
Supply voltage limits	9...36 V
[In] rated current	1.5 A
Power consumption	15 W
Control type	Button reset
Local signalling	Buzzer
Depth	149.2 mm
Height	58.7 mm
Width	254.8 mm
Product weight	2.5 kg

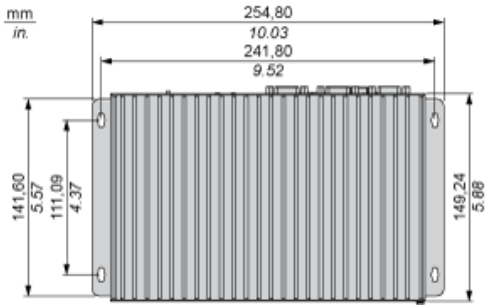
Environment

Product certifications	CCC GOST CULus
Standards	CSA 22-2 No 60950-1-07 EN 55011 class A group 1 EN 61000-6-4 EN 61131-2 ed. 3 FCC Part 15 UL 60950-1
Quality labels	CE
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive
IP degree of protection	IP40 conforming to IEC 60529
Electromagnetic compatibility	Immunity to high frequency interference conforming to IEC 61000-4 Disturbing field emission, class A conforming to EN 55011 Conducted and radiated emissions, class A conforming to EN 55022
Ambient air temperature for storage	-40...85 °C conforming to IEC 60068-2-2 -40...85 °C conforming to IEC 60068-2-14
Relative humidity	10...85 % conforming to EN/IEC 60068-2-30

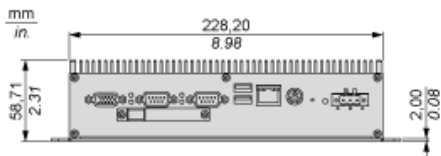
Ambient air temperature for operation	0...60 °C conforming to EN/IEC 60068-2-2
Operating altitude	2000 m conforming to IEC 60664-1
Vibration resistance	1.75 mm (f = 2...9 Hz) conforming to IEC 60068-2-6 0.5 gn (f = 9...200 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Dimensions

Top View

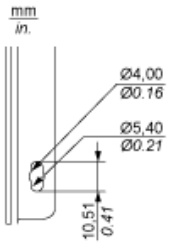


Front View

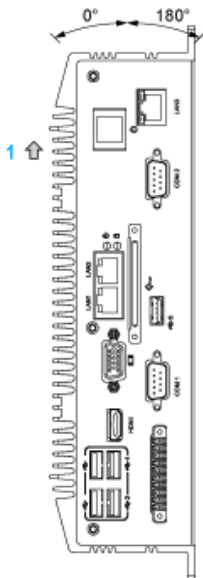


Mounting

Unit Designed for M4 Screws

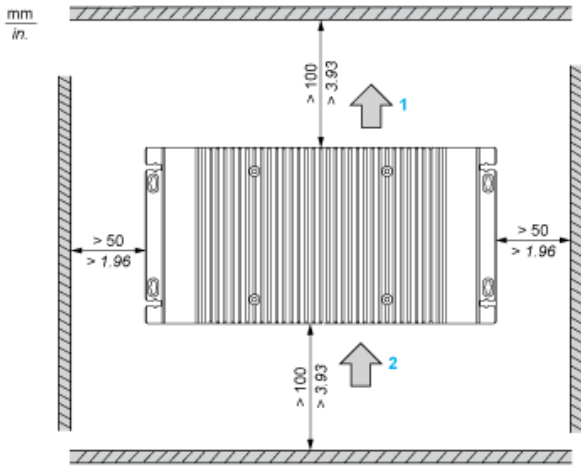


Mounting Angle



(1) Heat sink

Spacing Requirements for Air Circulation



- (1) Air out
- (2) Air in