



Main

Range of product	Magelis iPC
Product or component type	Modular box PC
Device short name	Modular BOX PC Performance
Range compatibility	IDisplay Modular Display HMIBM
Processor name	Intel Core i7 4650U 1.7 GHz
Chipset type	Intel QM87
Data storage equipment	Enterprise hard disk 500 GB
Memory description	8 GB RAM DDR3 (internal) 512 kB MRAM (internal)
Number of slots	2 mini PCI Express full-size

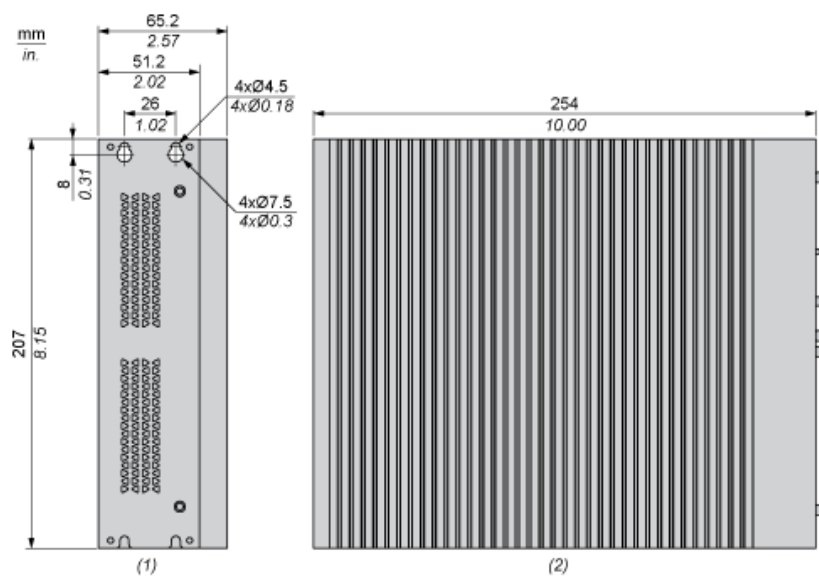
Complementary

Free slots	2 for Internal SATA HDD/SSD, hot swap 1 for CFAST 1 for mSATA
Video controller type	Intel HD Graphics 5000
Display resolution	3200 x 2000 pixels at 60 Hz
Watchdog timer	1...255 ms
Type of cooling	Fanless Passive
Electrical connection	1 pin screw connector for ground on bottom 3 SMA connector on top
Integrated connection type	1 COM1 serial link male SUB-D 9 RS232/422/485 bottom 1 display port bottom 1 display port front 2 Ethernet RJ45 10/100/1000 Mbps bottom 2 USB 2.0 type A 480 Mbit/s bottom 2 USB 3.0 type A 480 Mbit/s bottom
Operating system	Windows 8.1 64 bits (compatibility mode)
Software package	Vijeo XD run time demo
[Us] rated supply voltage	24 V DC (power supply) 100...240 V AC (power supply)
Supply voltage limits	18...36 V
Inrush current	8.9 A
Power consumption in W	39 W 45 W with 15" screen 46 W with 15.6" screen 48 W with 18.5" screen 51 W with 21.5" screen
Control type	ON/OFF button
Local signalling	Buzzer Green LED for on Orange LED for stand-by Red LED for stop Green LED for RUN Red LED for error
Depth	65.2 mm
Height	207 mm
Width	254 mm
Product weight	3.1 kg

Environment

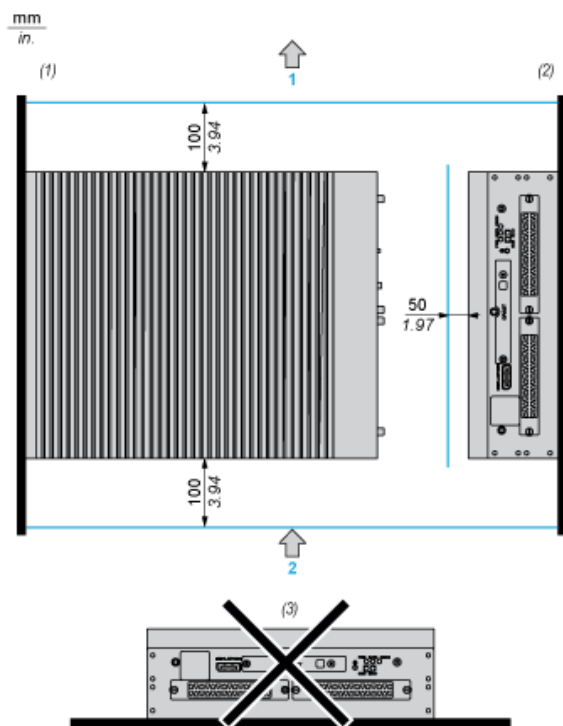
Standards	EN 55011 class A group 1 EN 61000-6-4 EN 61131-2 FCC Part 15 UL 61010
Product certifications	CE CULus CULus CSA 22-2 No 142 CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01 CULus HazLoc Class I Division 2 CSA 22-2 No 213 ATEX IEC-Ex EAC (pending) CCC RCM Marine GL Bridge
Quality labels	CE
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	-30...70 °C conforming to IEC 60068-2-2 -30...70 °C conforming to IEC 60068-2-14
Relative humidity	10...95 % non-condensing conforming to EN/IEC 60068-2-30
Ambient air temperature for operation	0...55 °C conforming to EN/IEC 60068-2-2
Operating altitude	2000 m conforming to IEC 60664-1
Vibration resistance	2 gn (f = 5...500 Hz) withSSD or CFast 1 gn (f = 5...500 Hz) withHDD

Dimensions



- (1) Rear view
(2) Left view

Spacing Requirements



- 1 : Air out
2 : Air in
(1) Book mounting : Vertical mounting with rear fixing
(2) Wall mounting : Vertical mounting with side fixing
(3) Horizontal mounting