HMIBMPSI74D4801
Modular Box PC HMIBM Performance SSD DC Windows 10 4 slots

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	Magelis iPC
Product or component type	Modular box PC
Device short name	Modular BOX PC Performance
Processor name	Intel Core i7 4650U 1.7 GHz turbo boost at 3.3 GHz
Chipset type	Intel QM87
Free slots	1 CFast 1 mSATA 2 Internal SATA HDD/SSD with slide-in HMIYMADS-DD1 to mount . hot swap RAID with Intel Rapid Storage Technology
Video controller type	Intel HD Graphics 5000
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 Node-RED and system nodes restore IIoT Wiring Operating System Restore McAfee white listing Installer cyber security license not included

Complementary

Range compatibility	Modular Display HMIDM IDisplay
Accessory / separate part destination	PC panel on HMIDM modular display
Mounting location	Flat mounting Book mounting Wall mounting
Data storage equipment	128 GB Flash disk SSD TLC 1500000 h
Memory description	Internal 512 kB MRAM Internal 8 GB RAM DDR3 not expandable
Number of slots	1 PCI 1 PCI express 4x 2 mini PCI Express full-size
Display resolution	3200 x 2000 pixels at 60 Hz
Watchdog timer	1...255 ms
Type of cooling	Fanless Fan required to mount PCI/PCIe cards above 3 W
Electrical connection	Screw connector pin 1 way ground on bottom Connector SMA 3 ways on top
Integrated connection type	Display port with 1 on bottom Display port with 1 on front COM1 serial link battery backup with 1 male SUB-D 9 RS232/422/485 on bottom USB 2.0 port with 2 USB type A, transmission rate: 480 Mbit/s on bottom USB 3.0 port with 2 USB type A, transmission rate: 5 Gbit/s on bottom Ethernet with 2 RJ45 I210, supporting IEEE1588, transmission rate: 10/100/1000 Mbps on bottom TPM connector Ver 1.2 cyber security - hardware encryption TPM module HMIYMINATPM201 to be installed/default installed on mother board
[Us] rated supply voltage	100...240 V AC power supply with additional adaptor HMIYMMAC1 24 V DC power supply

Supply voltage limits	18...36 V
Inrush current	8.9 A
Power consumption in W	40 W box 44 W with 4:3 12" Display HMIDM6421 43 W with Wide 12" Display HMIDM6521 45 W with 4:3 15" Display HMIDM7421 46 W with Wide 15" Display HMIDM7521 48 W with Wide 19" Display HMIDM9521 51 W with Wide 22" Display HMIDMA521
Control type	ON/OFF button
Depth	4.06 in (103.2 mm)
Height	8.15 in (207 mm)
Width	10 in (254 mm)
Product weight	8.6 lb(US) (3.9 kg)
Main type	Performance
Number of slots available for expansion	1 PCI 1 PCI express 4x 2 mini PCIe

Environment

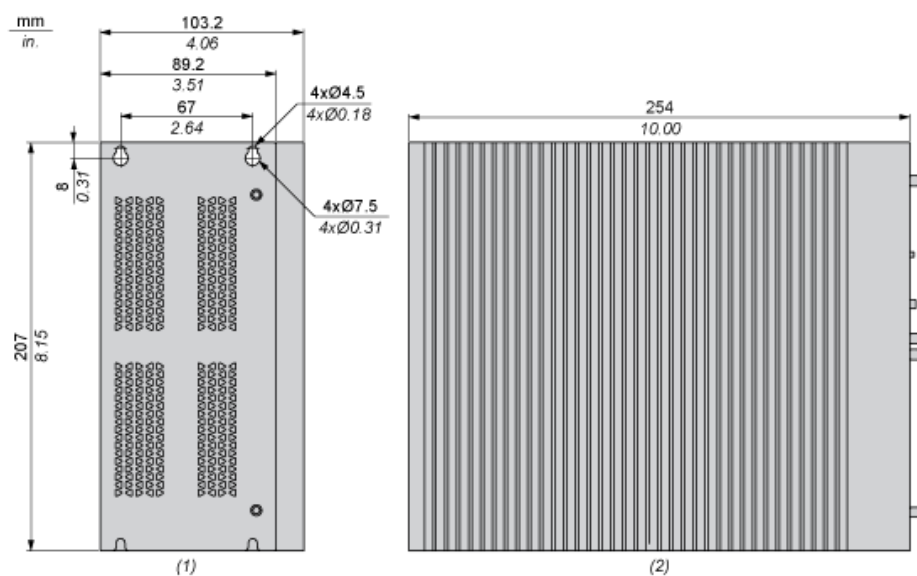|	
Standards	EN 61131-2 EN 55011 class A group 1 EN 61000-6-4 FCC Part 15 UL 61010
Product certifications	CCC EAC ATEX RCM Marine GL Bridge IEC Ex hazardous locations 3GD zone 2/22 CULus CE CULus CSA 22-2 No 142 CULus HazLoc Class I Division 2 ANSI/ISA 12-12-01 CULus HazLoc Class I Division 2 CSA 22-2 No 213
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	Conducted and radiated emissions class A EN 55022 Immunity to high frequency interference IEC 61000-4 Disturbing field emission class A EN 55011
Ambient air temperature for storage	-22...158 °F (-30...70 °C) conforming to IEC 60068-2-2 -22...158 °F (-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	32...131 °F (0...55 °C) (by default) conforming to EN/IEC 60068-2-2 32...122 °F (0...50 °C) flat mounting 32...113 °F (0...45 °C) on PCI/PCIe HMIDM modular display with HDD 32...104 °F (0...40 °C) flat mounting on HDD 32...104 °F (0...40 °C) flat mounting on mini PCIe 32...104 °F (0...40 °C) flat mounting on PCI/PCIe 32...113 °F (0...45 °C) conforming to 2 on mini PCIe HMIDM modular display
Operating altitude	6561.68 ft (2000 m) conforming to IEC 60664-1
Vibration resistance	1 gn 5...500 Hz HDD 2 gn 5...500 Hz SSD or CFast

Ordering and shipping details

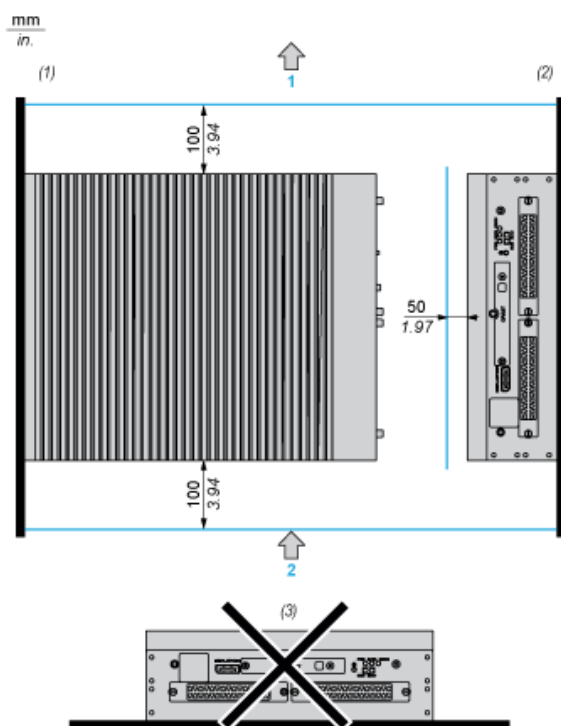|	
Category	22575 - MAGELIS MC3
Discount Schedule	MC3
GTIN	00785901662501
Nbr. of units in pkg.	1
Package weight(Lbs)	13.200000000000001
Returnability	N
Country of origin	US

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1604 - Schneider Electric declaration of conformity 🔗Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Dimensions

mm / in.

103.2 / 4.06
89.2 / 3.51
67 / 2.64
8 / 0.31
207 / 8.15

4xØ4.5 / 4xØ0.18
4xØ7.5 / 4xØ0.31

254 / 10.00

(1)

(2)

(1) Rear view
(2) Left view

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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

Mouser Electronics

Authorized Distributor

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