Product data sheet

Specifications





modular box PC, Harmony iPC, IIoT edge smart, 64GB eMMC, DC, Windows, TPM

HMIBMIEA5DD1E01

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

Price*: 1,319.00 USD

Main

Range Of Product	Harmony iPC
Product Or Component Type	Modular box PC
Device Short Name	Modular BOX PC basic Optimized
Range Compatibility	IDisplay Modular Display HMIDM
Accessory / Separate Part Destination	PC panel HMIDM modular display
Processor Name	Intel Atom E3930 upto 1.8 GHz
Operating System	Windows 10 IoT Enterprise 64 bitmulti-language
Software Package	Node-RED and system nodes restore IIoT Wiring Operating System Restore McAfee white listing installer cyber security license not included EcoStruxture 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

Complementary

Mounting Location	Book mounting Flat mounting Wall mounting	
Data Storage Equipment	64 GB eMMC (soldered)	
Memory Description	4 GB RAM DDR3 internal not expandable)	
Number Of Slots	1 slot(s) for mini PCI Express full-size with optional interface plate,	
Number Of Slots Available For Expansion	1.0 mini PCle	
Display Resolution	3200 x 2000 pixels at 60 Hz	
Watchdog Timer	1255 ms	
Type Of Cooling	Fanless	
Electrical Connection	Screw connector, connector type: pin, 1 way, circuit application: ground - location: bottom Connector, connector type: SMA, 3 ways - location: top	
Integrated Connection Type	Display port 1 front Ethernet 2 RJ45 Realtek 8111G 10/100/1000 Mbps bottom IEEE 1588 not supported COM1 serial link battery backup 1 male SUB-D 9 RS232/422/485 bottom non- isolated USB 2.0 port 1.0 USB type A 480 Mbit/s bottom USB 3.0 port 1.0 USB type A 5 Gbit/s bottom TPM connector Ver 2.0 cyber security - hardware encryption TPM module HMIYMINATPM201 to be installed/default installed motherboard	

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Cyber Secured Boot	Secure password boot UEFI
[Us] Rated Supply Voltage	24 V DC power supply 100240 V AC power supply
Supply Voltage Limits	9.628.8 V
Inrush Current	2.03 A
Power Consumption In W	20.0 W box) 15.0 W with 4:3 12" display HMIDM6421) 16.0 W with Wide 12" display HMIDM6521) 17.0 W with 4:3 15" display HMIDM7421) 19.0 W with Wide 15" display HMIDM7521) 20.0 W with Wide 19" display HMIDM9521) 21.0 W with Wide 22" display HMIDMA521)
Control Type	ON/OFF button
Main Type	Basic Optimised
Depth	1.81 in (46 mm)
Height	5.91 in (150 mm)
Width	7.36 in (187 mm)
Net Weight	2.65 lb(US) (1.2 kg)
Environment	
Standards	Class A group 1 IEC 55011 IEC 61000-6-4 IEC 61131-2 FCC part 15 UL 60950
Product Certifications	CE CULus UL 60950 for IT equipments EAC CCC RCM
Quality Labels	CE
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive
Ip Degree Of Protection	IP40 IEC 60529
Electromagnetic Compatibility	Immunity to high frequency interference conforming to IEC 61000-4 Disturbing field emission class A conforming to IEC 55011 Conducted and radiated emissions class A conforming to EN 55022
Ambient Air Temperature For Storage	-4140 °F (-2060 °C) IEC 60068-2-2
Relative Humidity	1095 % non-condensing IEC 60068-2-30
Ambient Air Temperature For Operation	32122 °F (050 °C) by default)mini PCIe IEC 60068-2-2 32122 °F (050 °C) flat mountingmini PCIe 32113 °F (045 °C) 32113 °F (045 °C) flat mounting
Operating Altitude	6561.68 ft (2000 m) IEC 60664-1
Vibration Resistance	2 gn 5500 Hz) eMMC

Ordering and shipping details

Category	US10MC222577
Discount Schedule	0MC2
Gtin	3606489740429
Returnability	Yes

Country Of	Origin	
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US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.31 in (8.400 cm)
Package 1 Width	8.58 in (21.800 cm)
Package 1 Length	12.68 in (32.200 cm)
Package 1 Weight	3.67 lb(US) (1.666 kg)
Unit Type Of Package 2	S04
Number Of Units In Package 2	6
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	23.72 lb(US) (10.759 kg)

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc
Mercury Free
Rohs Exemption Information Yes

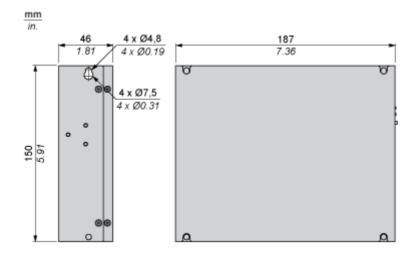
Certifications & Standards

Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.	
Circularity Profile	End of Life Information	
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	

Product data sheet

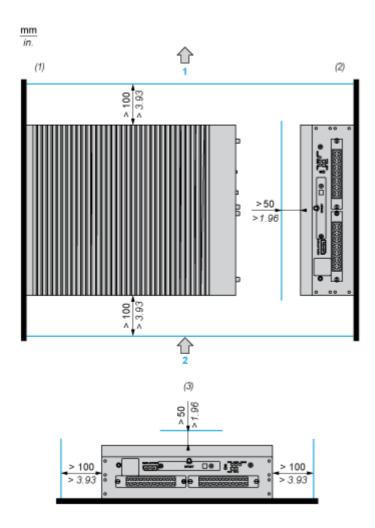
Dimensions Drawings

Dimensions



Mounting and Clearance

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