

Product data sheet

Specifications



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

HMIBMIEA5DD1101

⚠ Discontinued on: Apr 30, 2025

⚠ To be end-of-service on: Apr 30, 2029

⚠ To be discontinued

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony iPC
Device short name	Modular BOX PC basic Optimized
Product or Component Type	Modular box PC
Range Compatibility	IDisplay Modular Display HMIDM
Accessory / separate part destination	PC panel HMIDM modular display
Software package	Node-RED and system nodes restore IIoT Wiring Operating System Restore McAfee white listing installer cyber security license not included 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

Complementary

Mounting Location	Book mounting Flat mounting Wall mounting
Memory description	4 GB RAM DDR3 internal not expandable)
Number of slots available for expansion	1.0 mini PCIe
Display resolution	3200 x 2000 pixels at 60 Hz
Watchdog timer	1...255 ms
Electrical connection	Screw connector, connector type: pin, 1 way, circuit application: ground - location: bottom Connector, connector type: SMA, 3 ways - location: top
Cyber secured boot	Secure password boot UEFI
[Us] rated supply voltage	24 V DC power supply 100...240 V AC power supply
Supply voltage limits	9.6...28.8 V
Control type	ON/OFF button
Main type	Basic Optimised
Number of slots	1 slot(s) for mini PCI Express full-size with optional interface plate,
Type of cooling	Fanless
Inrush current	2.03 A

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

Width	7.4 in (187 mm)
Height	5.9 in (150 mm)
Product Weight	2.6 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
Quality labels	CE
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive
Operating altitude	6561.68 ft (2000 m) IEC 60664-1
Product certifications	CE CULus UL 60950 for IT equipments EAC CCC RCM
Ambient air temperature for operation	32...122 °F (0...50 °C) by default) IEC 60068-2-2 32...122 °F (0...50 °C) flat mounting 32...113 °F (0...45 °C)mini PCIe 32...113 °F (0...45 °C) flat mountingmini PCIe

Ordering and shipping details

Category	US10MC222577
Discount Schedule	0MC2
GTIN	3606489740405
Returnability	No
Country of origin	TW

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	8.66 in (22.000 cm)
Package 1 Length	12.80 in (32.500 cm)
Package 1 Weight	3.452 lb(US) (1.566 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	23.506 lb(US) (10.662 kg)



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 988

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

F-gas usage performance Only air and vacuum used for insulation / breaking, no F-gas including SF6

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 3fe7d895-f8a3-452a-ad75-1d17e7e6e6eb

REACH Regulation [REACH Declaration](#)

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

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

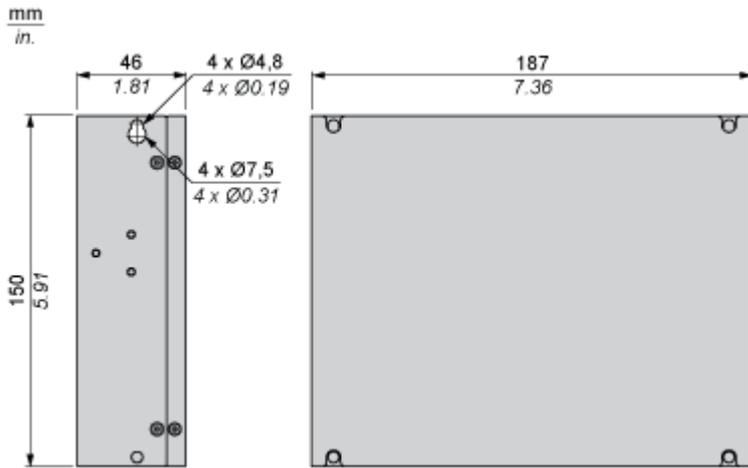
Removable battery Yes

Take-back No

WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

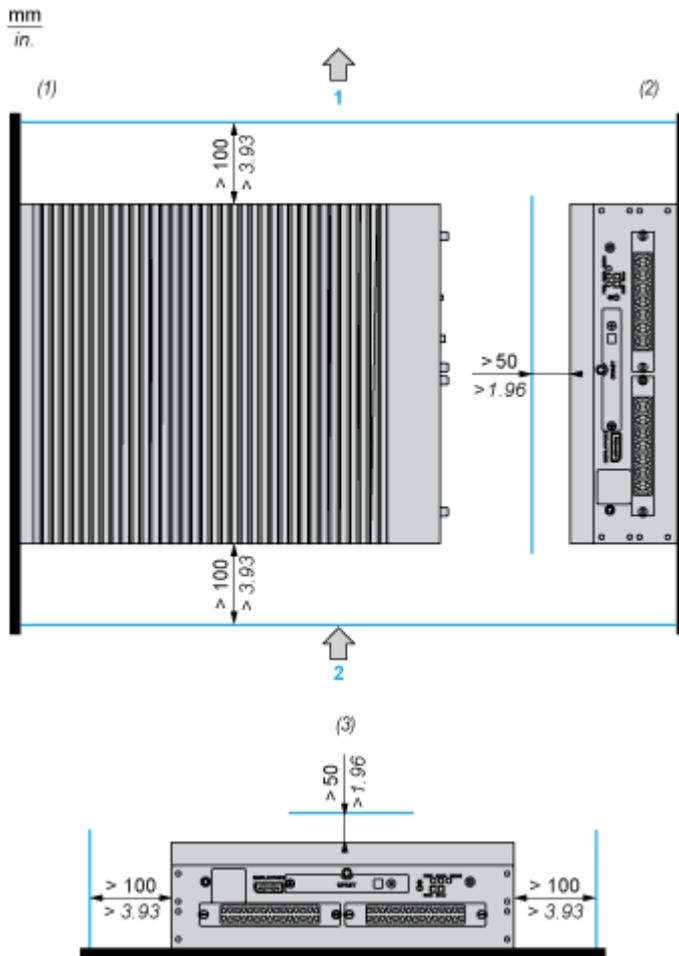
Dimensions Drawings

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