

# modular box PC, Harmony iPC, optimized DC, 4 GB M.2, Windows

HMIBMOMA5DD1101

- Uscontinued on: Apr 30, 2025
- ! To be end-of-service on: Apr 30, 2029

① To be discontinued

Product availability: Stock - Normally stocked in distribution facility

#### Main

Range of Product	Harmony iPC	
Device short name	Modular BOX PC 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 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	
Memory description	4 GB RAM DDR3 internal not expandable)	
Free slots	1 M.2 SSD	
Number of slots available for expansion	1.0 mini PCIe	
Display resolution	3200 x 2000 pixels at 60 Hz	
Watchdog timer	1255 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 100240 V AC power supply	
Supply voltage limits	9.628.8 V	
Control type	ON/OFF button	
Main type	Optimised	
Number of slots	1 slot(s) for mini PCI Express full-size without optional interface plate,	
Type of cooling	Fanless	

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

Inrush current	2.03 A
Width	7.4 in (187 mm)
Height	5.9 in (150 mm)
Product Weight	2.76 lb(US) (1.25 kg)

### **Environment**

Environmental characteristic	Hazardous location with additional adaptor HMIYMMAC1	
Standards	Class A group 1 IEC 55011 IEC 61000-6-4 IEC 61131-2 FCC part 15 UL 61010	
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 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 CCC RCM EAC IEC Ex hazardous locations 3GD zone 2/22	
Ambient air temperature for operation	32131 °F (055 °C) by default) IEC 60068-2-2 32131 °F (055 °C) flat mounting	

## Ordering and shipping details

Category	US10MC222577	
Discount Schedule	0MC2	
GTIN	3606481245779	
Returnability	No	
Country of origin	TW	

## **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	5.91 in (15 cm)	
Package 1 Width	9.25 in (23.5 cm)	
Package 1 Length	15.16 in (38.5 cm)	
Package 1 Weight	4.4 lb(US) (2 kg)	



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)	1211
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

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

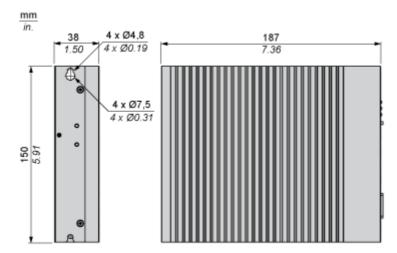
#### **Use Again**

○ 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.

# Product data sheet HMIBMOMA5DD1101

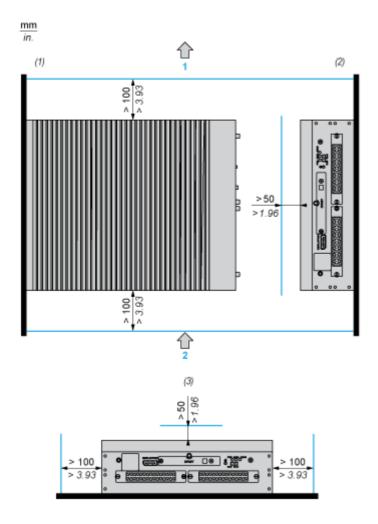
#### **Dimensions Drawings**

#### **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