

# F65EAC-IAD32

Waterproof Full IP65 EAC Box PC with M12 Connector, Intel® Core™ i5-1235U



## KEY FEATURES

- Intel® 12th Generation Core™ i5-1235U Processor
- 1 x SO-DIMM, DDR5 4800 MHz (Max. 32GB)
- 1 x M.2 Key M Slot for M.2 2280 NVME SSD
- Full IP65 Rugged Embedded PC
- Full Aluminum Alloy Enclosure with fin
- Fanless design with M12 waterproof connector
- Wide Range 9 to 36V DC Input with isolation



## SPECIFICATIONS

### System Specification

<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)

### Mechanical

<b>Dimension</b>	250 x 180 x 60 mm(w/o desk mount bracket) 250 x 205 x 60 mm(w/i desk mount bracket)	<b>Weight</b>	3.0 kg
<b>Mounting</b>	Desk Mount	<b>Enclosure</b>	Aluminum Housing
<b>Cooling System</b>	Fanless design		

### Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 45°C
<b>Storage Temperature</b>	-20°C to 60°C	<b>Shock</b>	Operating, IEC 60068-2-27
<b>Vibration</b>	Operating, IEC 60068-2-64	<b>IP rating</b>	IP65

### Certification

<b>Certification</b>	CE, FCC
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### IO Ports

<b>Power Input</b>	1 x M12 waterproof connector for 9~36V DC	<b>USB Port</b>	1 x M12 waterproof connector for 2 x USB2.0 1 x Waterproof USB Type-A Connector with cover
<b>Serial Port</b>	1 x M12 waterproof connector for RS232/RS422/RS485 (Default RS232)	<b>Video</b>	1x Waterproof connector for HDMI output
<b>Expansion Port</b>	1 x M.2 2230 E-Key Slot (for Wi-Fi Module)	<b>LAN</b>	1 x M12 type connector for Giga LAN
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage 1 x LED Indicator for LAN		

## Control

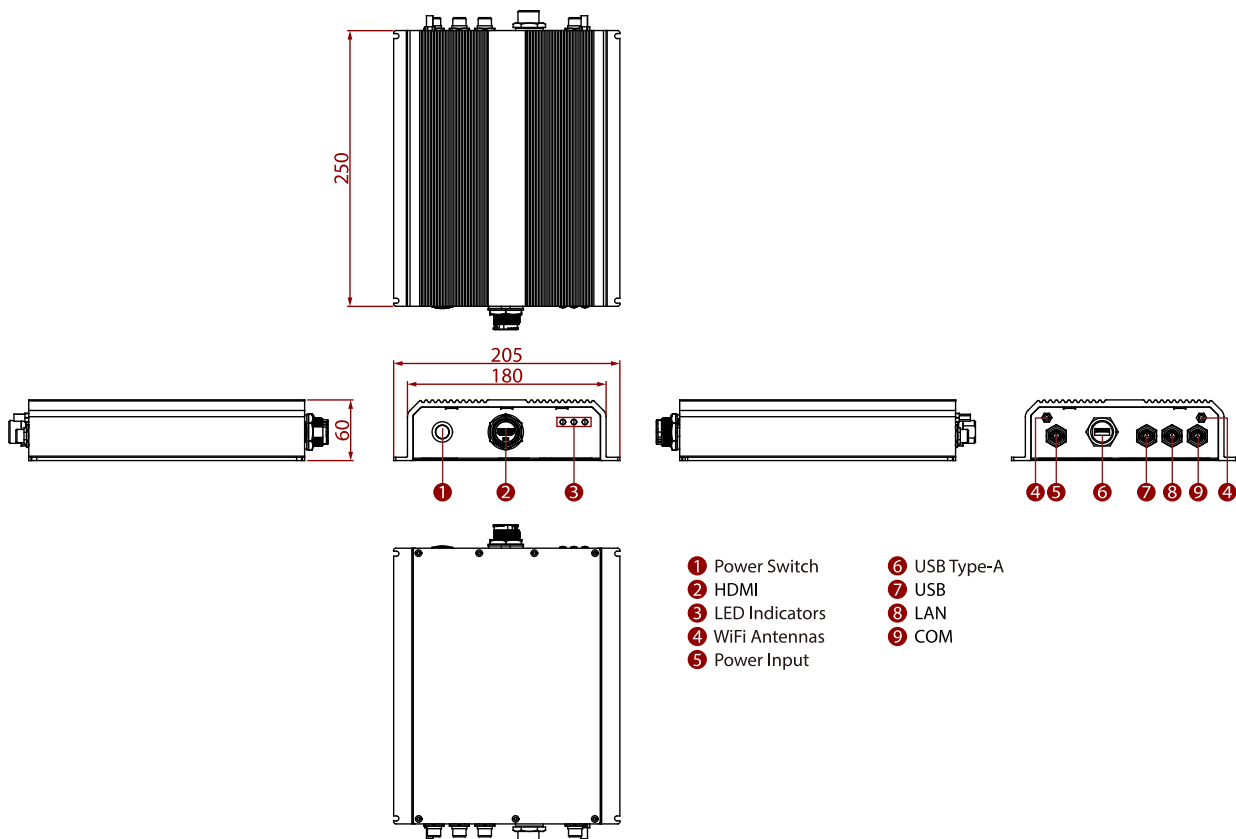
**Button** 1 x Power Button with LED Indicator

## Accessory

**Accessory** External open wire Power cable with waterproof connector  
External USB cable with waterproof connector  
External HDMI cable with waterproof connector  
External COM cable with waterproof connector  
External LAN cable with waterproof connector  
Waterproof caps  
RJ45 female-female converter

**Optional Accessory** 100~240V AC to DC Adapter with waterproof connector (Optional)  
Power Cord (Optional)

## DIMENSIONS UNIT:MM



## NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.

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