

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			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i5-1235U 3.3GHz(up to 4.40 GHz)	Memory	1 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2280 M-Key NVMe SSD 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	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			
Dimension	250 x 180 x 60 mm(w/o desk mount bracket) 250 x 205 x 60 mm(w/i desk mount bracket)	Weight	3.0 kg
Mounting	Desk Mount	Enclosure	Aluminum Housing
Cooling System	Fanless design		
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	-10°C to 45°C
Storage Temperature	-20°C to 60°C	Shock	Operating, IEC 60068-2-27
Vibration	Operating, IEC 60068-2-64	IP rating	IP65
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x M12 waterproof connector for 9~36V DC	USB Port	1 x M12 waterproof connector for 2 x USB2.0 1 x Waterproof USB Type-A Connector with cover
Serial Port	1 x M12 waterproof connector for RS232/RS422/RS485 (Default RS232)	Video	1x Waterproof connector for HDMI output
Expansion Port	1 x M.2 2230 E-Key Slot (for Wi-Fi Module)	LAN	1 x M12 type connector for Giga LAN
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage 1 x LED Indicator for LAN		

Control

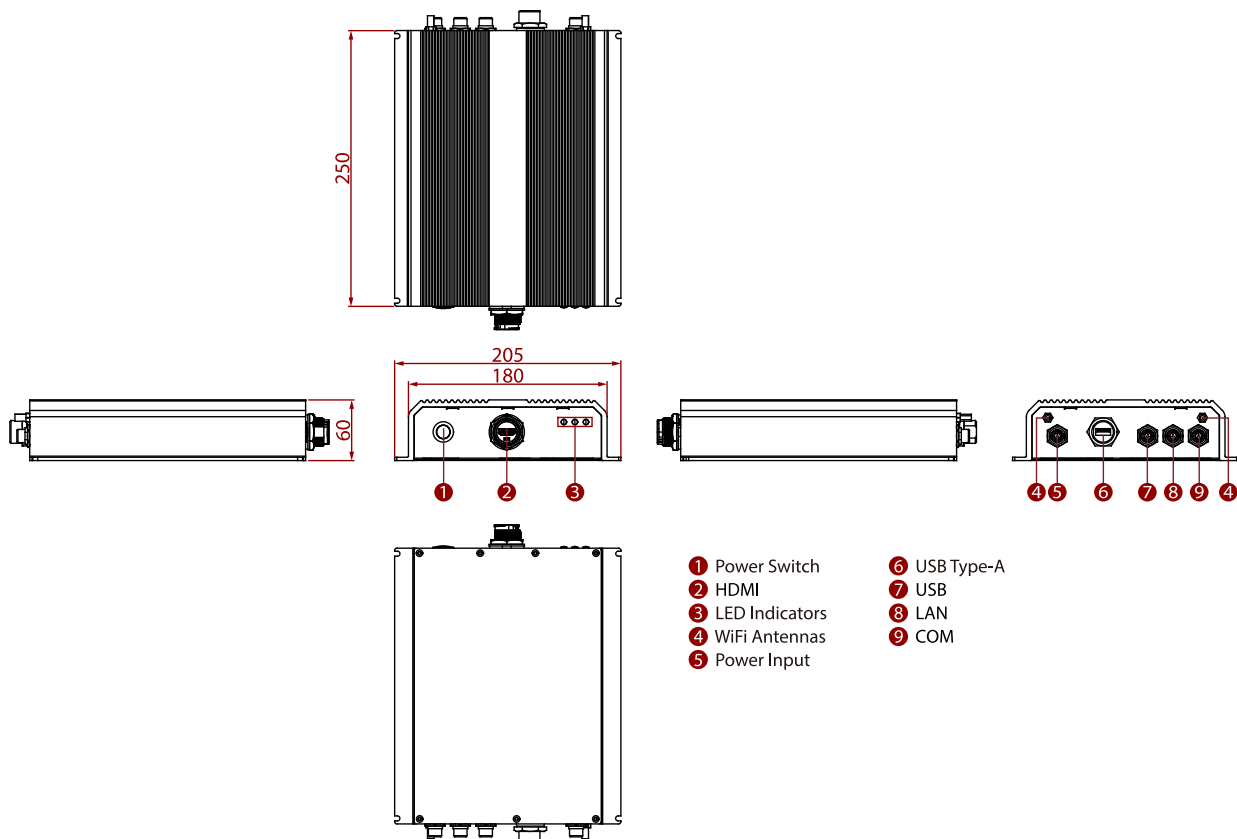
Button 1 x Power Button with LED Indicator

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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