

F65EAC-IW32

Full IP65 rugged embedded pc with M12 connector, Intel® Core™ i5-8265U



KEY FEATURES

- Full IP65 rugged embedded pc, Aluminum Profile with Fin
- Ultra compact size with Fanless Design, Box PC with M12 connector
- Support M.2 SSD
- One M.2 socket expansion
- 9~36V DC with isolation
- 8th Generation (Whiskey Lake) Intel® Core™i5-8265U Processor
- M12 waterproof connector



SPECIFICATIONS

System Specification			
WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i5 -8265U (6M Cache, 1.6GHz up to 3.9 GHz)	Memory	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2242 B-key SSD 64GB M.2 2242 B-key SSD up to 512GB (Optional) M.2 2280 M-Key NVME SSD, up to 4TB (Optional)	Ethernet controller	Intel® Ethernet Controller I210-AT + Intel® Ethernet Connection I219-LM
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
Mechanical			
Dimension	260.4 x 193 x 50.1 mm(w/o desk mount bracket) 275.4 x 193 x 56.1 mm(w/i desk mount bracket)	Mounting	Desk Mounting
Enclosure	Aluminum Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~50°C
Storage Temperature	-20~60°C	Shock	15G, 11ms duration
Vibration	5Hz~500Hz / 1Grms / 3 axis	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 2 x M12 waterproof connector for RS232 (Optional)	Video	1x M21 type connector for HDMI output
Expansion Port	2 x M.2 slot(1 for WiFi, 1 for SSD)	LAN	2 x M12 type connector for Giga LAN
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage 2 x LED Indicator for LAN	DIDO	1x M12 type connector for Digital 4 in/ 4 out (Optional)
Control			
Button	1 x Power Button with LED Indicator		

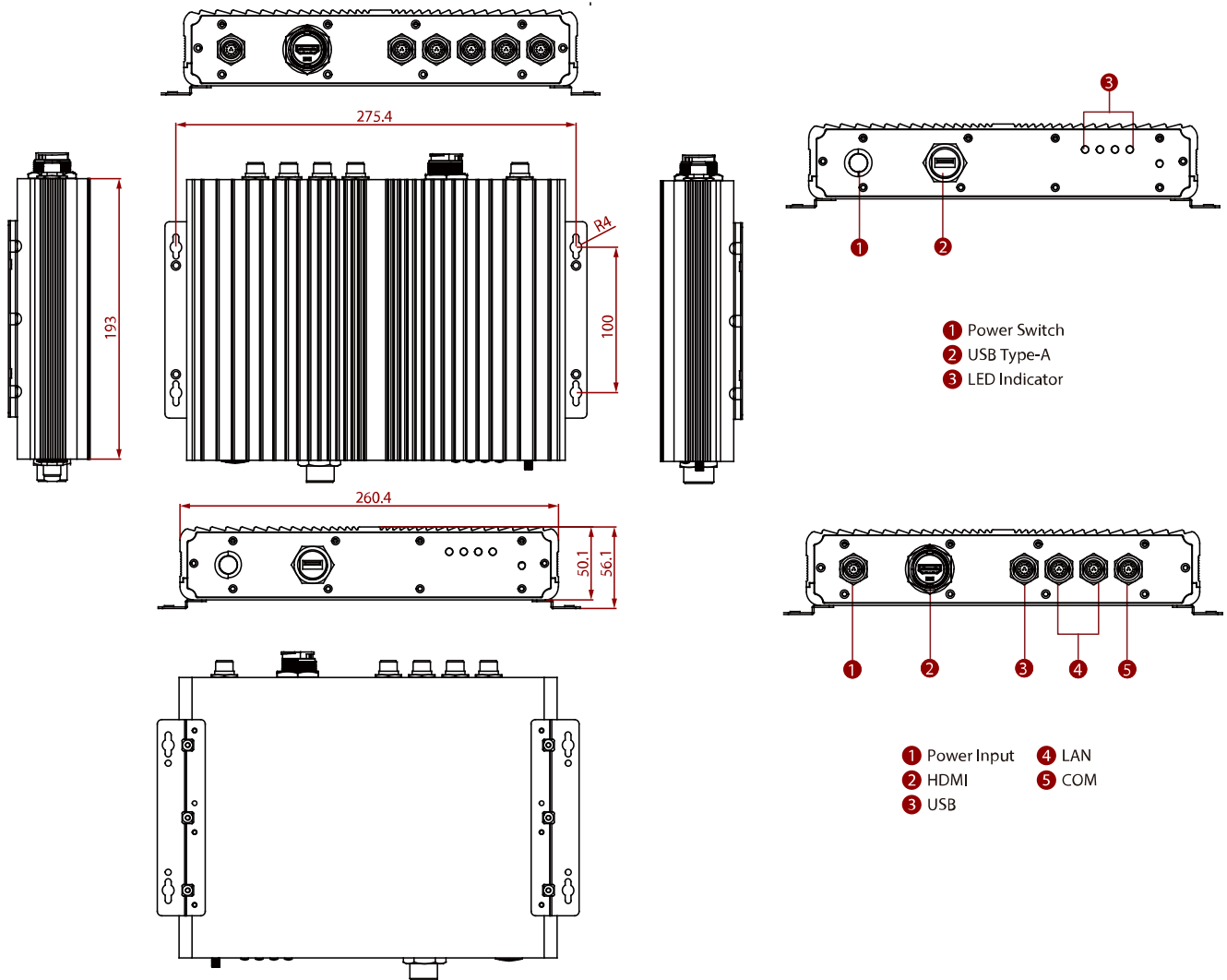
Accessory

Accessory External open wire Power cable with waterproof connector
External USB cable with waterproof connector
External COM cable with waterproof connector
External LAN cable with waterproof connector
External VGA cable with waterproof connector
Waterproof caps
RJ45 female-female converter
Driver CD & Manual

Optional Accessory 100~240V AC to DC Adapter with waterproof connector (Optional)
Power Cord (Optional)
External HDMI cable with waterproof connector (Optional)
External DIDO cable with waterproof connector (Optional)

DIMENSIONS UNIT:MM

Full IP65 rugged embedded pc



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. A customized housing is required if you need additional I/O connectors.
4. To connect Winmate stainless series Panel PC or Display it is required to use an optional two sides waterproof connector.
5. All specifications are subject to change without prior notice.
6. 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.