

# F65EAC-IT32

Full IP65 Rugged Embedded PC with M12 Connector, Intel® Core™ i5-1135G7



## 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
- 11th Generation (Tiger Lake) Intel® Core™ i5-1135G7 Processor
- M12 waterproof connector

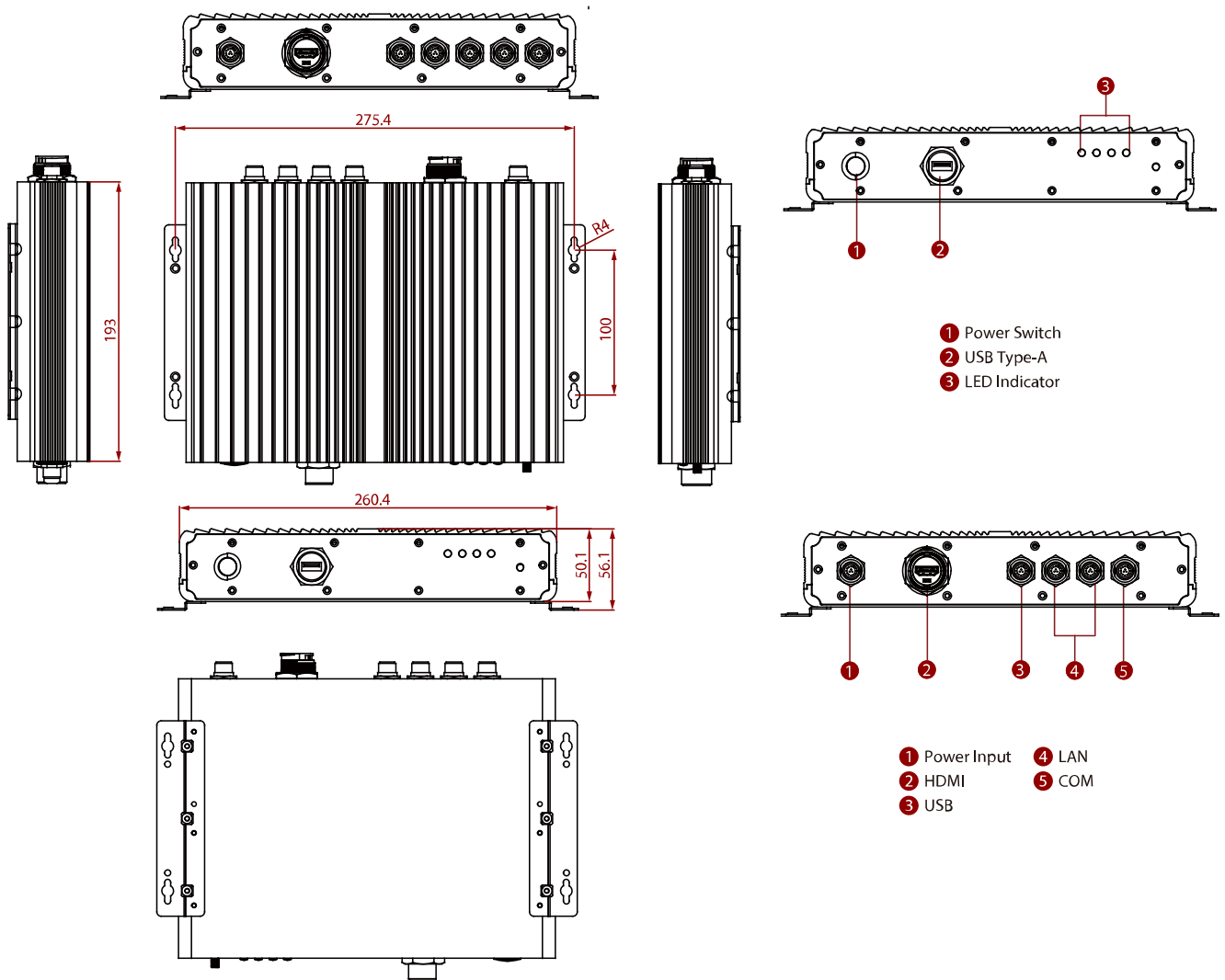


## SPECIFICATIONS

System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Processor</b>	Intel Core i5-1135G7 2.4GHz (up to 4.2GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 M-Key 2280 NVMe SSD, 128GB 256GB (Optional) 512GB (Optional) 1TB (Optional) 2TB (Optional) 4TB (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) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 22.04 (Optional)
Mechanical			
<b>Dimension</b>	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)	<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>	0°C to 50°C
<b>Storage Temperature</b>	-20°C to 60°C	<b>Shock</b>	15G, 11ms duration
<b>Vibration</b>	5Hz~500Hz / 1Grms / 3 axis	<b>IP rating</b>	IP65
Certification			
<b>Certification</b>	CE, FCC		
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 2 x M12 waterproof connector for RS232 (Optional)	<b>Video</b>	1x M21 type connector for HDMI output
<b>Expansion Port</b>	2 x M.2 slot(1 for WiFi, 1 for SSD)	<b>LAN</b>	2 x M12 type connector for Giga LAN

<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for storage 2 x LED Indicator for LAN	<b>DIDO</b>	1x M12 type connector for Digital 4 in/ 4 out (Optional)
<b>Control</b>			
<b>Button</b>	1 x Power Button with LED Indicator		
<b>Accessory</b>			
<b>Accessory</b>	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 External VGA cable with waterproof connector Waterproof caps RJ45 female-female converter	<b>Optional Accessory</b>	100~240V AC to DC Adapter with waterproof connector (Optional) Power Cord (Optional) External DIDO cable with waterproof connector (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. 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.