

# F65EAC-IK32

Full IP65 Box IPC, Intel® Core™ i5-7200U



## KEY FEATURES

- Aluminum Profile with Fin, Full IP65 Box IPC
- IP65 Ultra compact size with Fanless Design
- Support M.2 SSD
- One M.2 socket expansion
- 9~36V DC with isolation
- 7th Generation (kaby Lake) Intel® Core™ i5-7200U Processor



## SPECIFICATIONS

### System Specification

|                  |  |                            |  |
|------------------|--|----------------------------|--|
| <b>Processor</b> | Intel® Core™ i5-7200U (3M Cache, up to 3.10 GHz)<br>Intel® Core™ i5-7300U (3M Cache, up to 3.50 GHz) | <b>Memory</b>              | 1 x SO-DIMM, DDR4 2133 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)       |
| <b>Storage</b>   | 1 x M.2 2242 SSD 64GB<br>M.2 2242 SSD up to 512GB (Optional)   | <b>Ethernet controller</b> | Intel® Ethernet Controller I211-AT +<br>Intel® Ethernet Connection I219-LM |
| <b>Security</b>  | TPM 2.0  | <b>Operating System</b>    | Windows 10 IoT Enterprise (Optional)<br>Linux Ubuntu 18.04 (Optional)      |
| <b>WLAN</b>      | Support (Optional)   | <b>BT</b>                  | Support (Optional)   |

### Mechanical

|                  |  |                       |                |
|------------------|--|-----------------------|----------------|
| <b>Dimension</b> | 260.4 x 168 x 50.1 mm(w/o desk mount bracket)<br>275.4 x 168 x 56.1 mm(w/i desk mount bracket) | <b>Mounting</b>       | Desk Mounting  |
| <b>Enclosure</b> | Aluminum Housing   | <b>Cooling System</b> | Fanless design |

### Environment

|                            |                             |                              |                    |
|----------------------------|-----------------------------|------------------------------|--------------------|
| <b>Operating Humidity</b>  | 10% to 90% (non-condensing) | <b>Operating Temperature</b> | 0~50°C             |
| <b>Storage Temperature</b> | -20~60°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<br>1 x Waterproof USB Type-A Connector with cover |
| <b>Serial Port</b>    | 1 x M12 waterproof connector for RS232<br>2 x M12 waterproof connector for RS232 (Optional) | <b>Video</b>    | 1x M12 type connector for VGA output<br>1x M21 type connector for HDMI output (Optional)      |
| <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<br>1 x LED Indicator for storage<br>2 x LED Indicator for LAN   | <b>DIDO</b>     | 1x M12 type connector for Digital 4 in/ 4 out (Optional)                                      |

### Control

|               |                                     |
|---------------|-------------------------------------|
| <b>Button</b> | 1 x Power Button with LED Indicator |
|---------------|-------------------------------------|

## Accessory

### Accessory

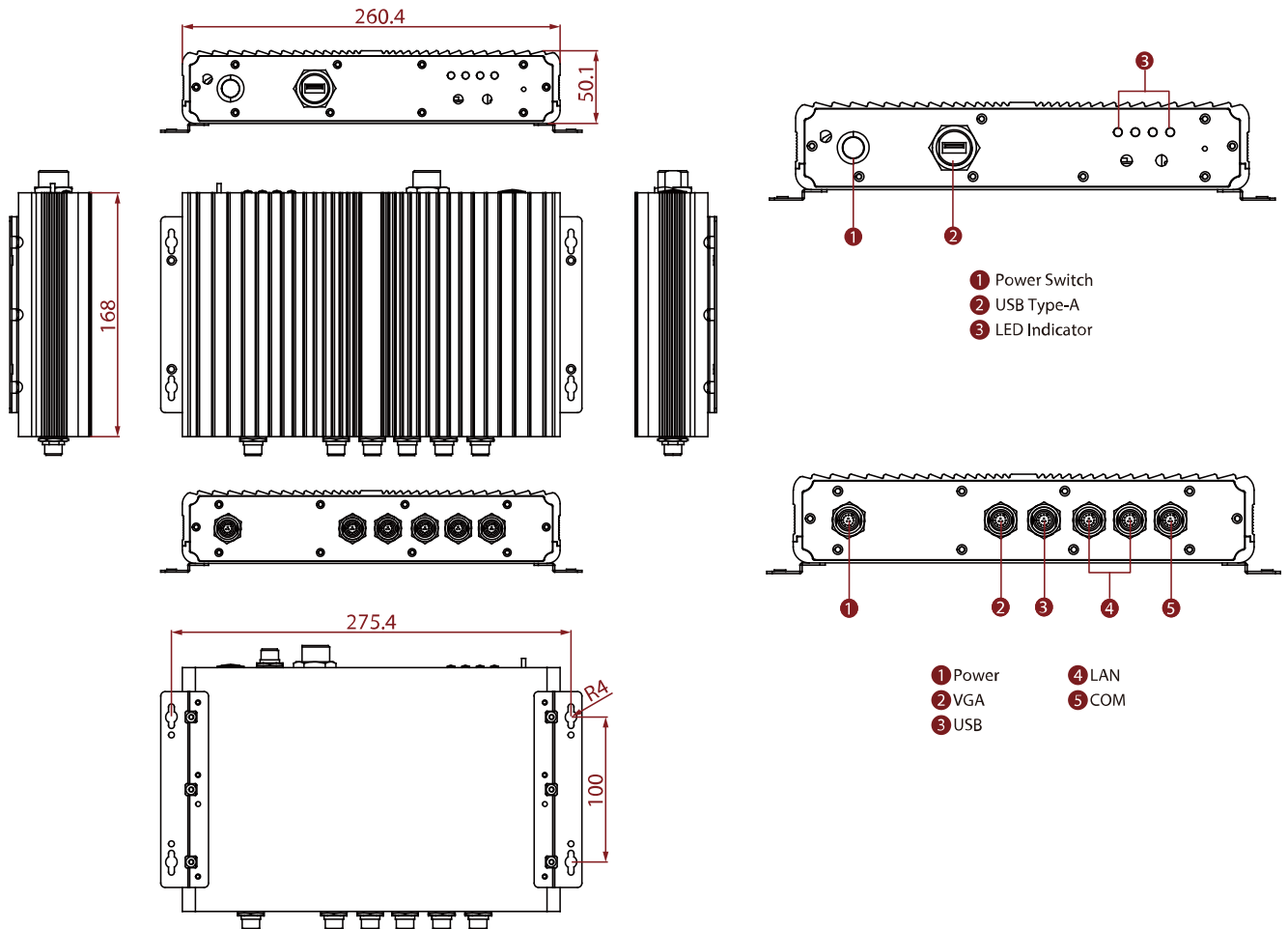
External open wire Power cable with waterproof connector  
 External USB cable with waterproof connector  
 External COM cable with waterproof connector  
 External LAN cable with waterproof connector  
 External VGA cable with waterproof connector  
 Waterproof caps  
 RJ45 female-female converter 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



## 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.