

# R10IWK8M-RTT2GP

10.4" rugged field tablets with Intel® Core™ i5-8265U



## KEY FEATURES

- 8th Gen. Intel® Core™ i5-8265U 1.6 GHz (turbo up to 3.9GHz) rugged field tablets
- 10.4" 1024 x 768 Resolution Transflective TFT-LCD Panel
- Plastic front cover and Alu-Mg Alloy rear cover with Protective Rubbe
- Trusted platform module (TPM) V2.0
- Built-in Wireless / BT / GPS
- Optional 4G LTE mobile computers
- Adjustable Kickstand that is convertable to a handle (Optional)



## SPECIFICATIONS

| Display              |                                                                                                          |                       |                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------|
| Resolution           | 1024x768                                                                                                 | Size                  | 10.4 inches                                                                             |
| Contrast Ratio       | 1000:1                                                                                                   | Panel Brightness      | 700 nits                                                                                |
| View Angles          | 88,88,88,88                                                                                              | Touch / Glass         | Resistive Touch Screen<br>Protection Glass Without Touch Function (Optional)            |
| System Specification |                                                                                                          |                       |                                                                                         |
| Processor            | Intel® Core™ i5-8265U (6M Cache, up to 3.9 GHz)                                                          | Memory                | 1 x SO-DIMM, DDR4 2133 MHz, 4GB<br>8GB (Optional)<br>16GB (Optional)<br>32GB (Optional) |
| Storage              | 1 x M.2 2242 SSD 128GB<br>M.2 2242 SSD up to 512GB (Optional)<br>M.2 2280 NVME SSD, up to 4TB (Optional) | Ethernet controller   | Intel® Ethernet Controller I210-AT +<br>Intel® Ethernet Connection I219-LM              |
| Security             | TPM 2.0                                                                                                  | Operating System      | Windows 10 IoT Enterprise (Optional)<br>Linux Ubuntu 18.04 (Optional)                   |
| WLAN                 | Wi-Fi Support                                                                                            | BT                    | BT Support                                                                              |
| WWAN                 | 4G/ LTE or 3G (Optional)                                                                                 | GNSS                  | Supports GPS<br>GLONASS, Galileo,<br>BeiDou) (Optional)                                 |
| Mechanical           |                                                                                                          |                       |                                                                                         |
| Dimension            | 266 x 224 x 50.4 mm                                                                                      | Weight                | 2.39kg                                                                                  |
| Mounting             | VESA Mount                                                                                               | Enclosure             | Magnesium Alloy & ABS+PC                                                                |
| Cooling System       | Fanless design                                                                                           |                       |                                                                                         |
| Environment          |                                                                                                          |                       |                                                                                         |
| Operating Humidity   | 10% to 90% RH, non-condensing                                                                            | Operating Temperature | -10°C to 50°C (14°F to 122°F) (Battery mode)<br>-20°C to 60°C (4°F to 158°F) (AC mode)" |
| Storage Temperature  | -20°C to 60°C                                                                                            | Shock                 | MIL-STD-810G Method 516.6                                                               |
| Vibration            | MIL-STD-810G Method 514.6                                                                                | IP rating             | IP54                                                                                    |
| Drop                 | MIL-STD-810G Method 516.6, 4ft to concrete                                                               |                       |                                                                                         |
| Certification        |                                                                                                          |                       |                                                                                         |
| Certification        | CE, FCC                                                                                                  |                       |                                                                                         |

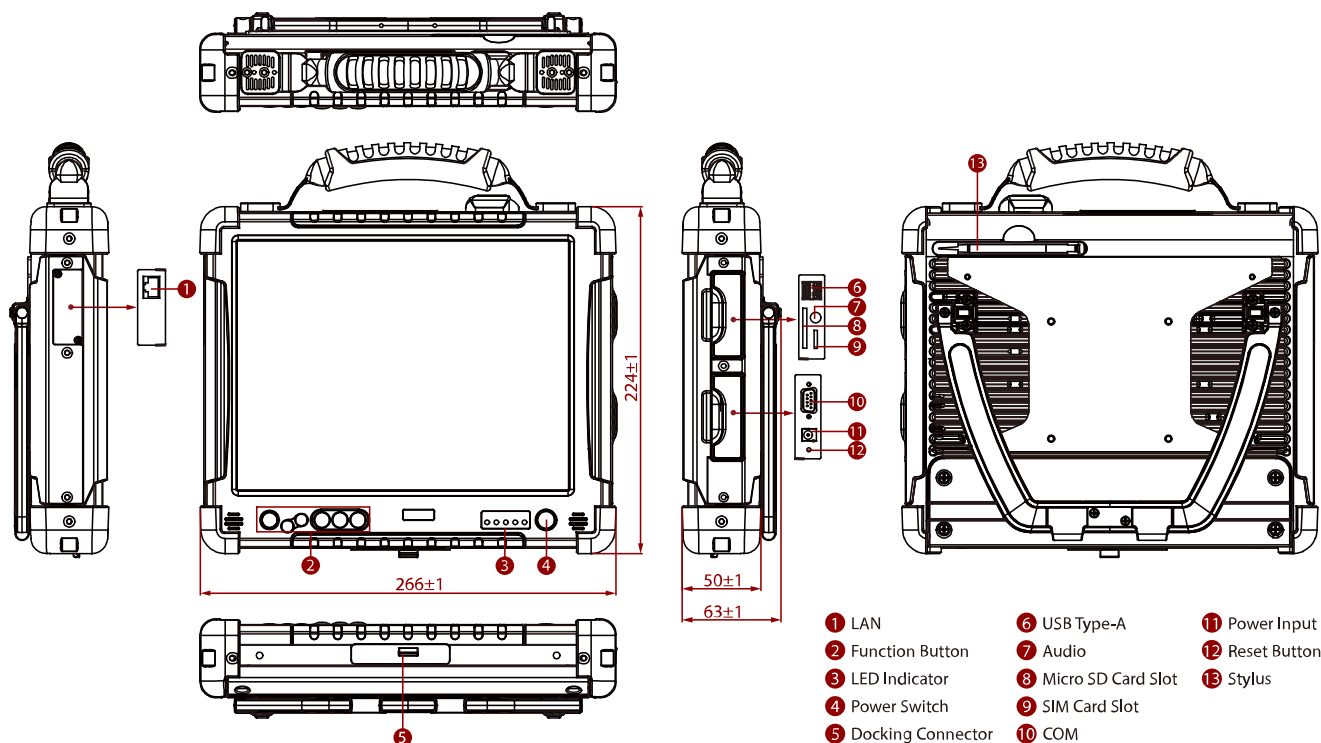
| IO Ports     |                                                                                                                                |               |                                   |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------|
| USB Port     | 2 x USB3.0 (Type-A)                                                                                                            | Serial Port   | 1 x RS232/422/485 (Default RS232) |
| SD Card Slot | 1 x Micro SD card Slot                                                                                                         | SIM Card Slot | 1 x Micro SIM card Slot           |
| Audio        | 1 x Audio Combo Connector (Mic in / Line Out)<br>2 x Speaker                                                                   | LAN           | 1 x Giga LAN RJ45 Connector       |
| Indicator    | 1 x LED Indicator for power<br>1 x LED Indicator for HDD<br>1 x LED Indicator for Battery status<br>1 x LED Indicator for Wifi |               |                                   |

| Accessory |                                                                                                                                 |                    |                                                                                                                                                                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessory | 100~240V AC to 19V DC 65W Adapter<br>Power Cord<br>11.1V / 5200mAh Battery<br>Driver CD & Manual<br>Quick Start Guide<br>Stylus | Optional Accessory | Adjustable Kickstand (Optional)<br>Multi-functional Desktop Docking station (Optional)<br>Vehicle Mounting Charger Kit (Optional)<br>Car Power Charger (Optional)<br>Hand Strap (Optional)<br>Shoulder Strap (Optional)<br>Soft Shell Case (Optional)<br>Carry Bag (Optional) |

| Barcode Scanner |                              |
|-----------------|------------------------------|
| Barcode Scanner | 2D Barcode Reader (Optional) |
| Camera          |                              |

## DIMENSIONS UNIT:MM

### Winmate R10IWK8M-RTT2GP



## NOTE

1. Measured at dimming LCD brightness. Varies depending on the usage conditions, or when an external device is attached.
2. This is a simplified drawing and some components are not marked in detail.
3. 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.