

# R10IWK8M-RTT2GP

10.4" Rugged Field Tablets with Intel® Core™ i5-8265U



CE

FC

## 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 convertible to a handle (Optional)

## INTRODUCTION

Winmate Ultra Rugged Tablet Series is purpose-built for demanding industrial and field environments, combining durability and advanced performance. Available in sizes ranging from 8.4" to 10.4", these tablets feature tough Alu-Mg alloy housings with protective rubber, meeting MIL-STD-810G standards for shock, vibration, and drop resistance. With IP-rated water and dust protection, Trusted Platform Module (TPM) V2.0, built-in wireless, GPS, and optional 4G LTE, they deliver seamless connectivity and security. Optional adjustable kickstand handles enhance mobility, making them ideal for field services, transportation, and industrial operations.

## SPECIFICATIONS

### Display

<b>Resolution</b>	1024x768	<b>Size</b>	10.4 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	700.0 nits
<b>View Angles</b>	88,88,88,88	<b>Touch / Glass</b>	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)

### System Specification

<b>Processor</b>	Intel Core i5-8265U 1.6GHz (up to 3.9GHz)	<b>Memory</b>	1 x SO-DIMM, DDR4 2400 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 128GB M.2 2242 SSD up to 512GB (Optional) M.2 2280 NVME SSD, up to 2TB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Wi-Fi Support	<b>BT</b>	BT Support
<b>WWAN</b>	4G/ LTE or 3G (Optional)	<b>GNSS</b>	Supports GPS GLONASS, Galileo, BeiDou (Optional)

### Mechanical

<b>Dimension</b>	266 x 224 x 50.4 mm	<b>Weight</b>	2.4 kg
<b>Mounting</b>	VESA Mount	<b>Enclosure</b>	Magnesium Alloy & ABS+PC

**Cooling System** Fanless design

## Environment

<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	-10°C to 50°C (14°F to 122°F) (Battery mode) -20°C to 60°C (4°F to 158°F) (AC mode)"
<b>Storage Temperature</b>	-20°C to 60°C	<b>Shock</b>	MIL-STD-810G Method 516.6 Procedure I
<b>Vibration</b>	MIL-STD-810G Method 514.6 Procedure I	<b>IP rating</b>	IP54
<b>Drop</b>	MIL-STD-810G Method 516.6 Procedure IV		

## Certification

**Certification** CE, FCC

## IO Ports

<b>USB Port</b>	2 x USB3.2 Gen1x1 (Type-A)	<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)
<b>SD Card Slot</b>	1 x Micro SD card Slot	<b>SIM Card Slot</b>	1 x Micro SIM card Slot
<b>Audio</b>	1 x Audio Combo Connector (Mic in / Line Out) 2 x Speaker	<b>LAN</b>	1 x Giga LAN RJ45 Connector
<b>Indicator</b>	1 x LED Indicator for power 1 x LED Indicator for HDD 1 x LED Indicator for Battery status 1 x LED Indicator for Wifi		

## Accessory

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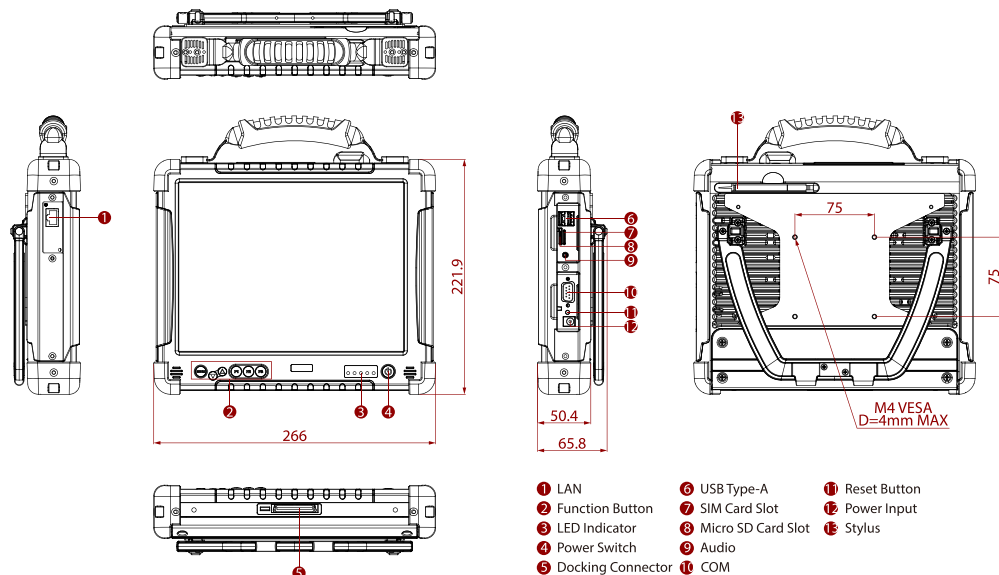
## Barcode Scanner

**Barcode Scanner** 2D Barcode Reader (Optional)

## Camera

<b>Front Camera</b>	2MP Camera (Optional)	<b>Rear Camera</b>	5MP Autofocus Camera (Optional)
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## DIMENSIONS UNIT:MM



## 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.