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
- Bulit-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 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 8GB (Optional) 16GB (Optional) 32GB (Optional)
Storage	1 x M.2 2242 SSD 128GB M.2 2242 SSD up to 512GB (Optional) M.2 2280 NVME SSD, up to 4TB (Optional)	**Ethernet controller**	2 x Intel® Ethernet Controller
Security	TPM 2.0	**Operating System**	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Wi-Fi Support	**BT**	BT Support
WWAN	4G/ LTE or 3G (Optional)	**GNSS**	Supports GPS GLONASS, Galileo, 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) -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

WINMATE

IO Ports

USB Port	2 x USB3.2 Gen1x1 (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) 2 x Speaker	**LAN**	1 x Giga LAN RJ45 Connector
Indicator	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		

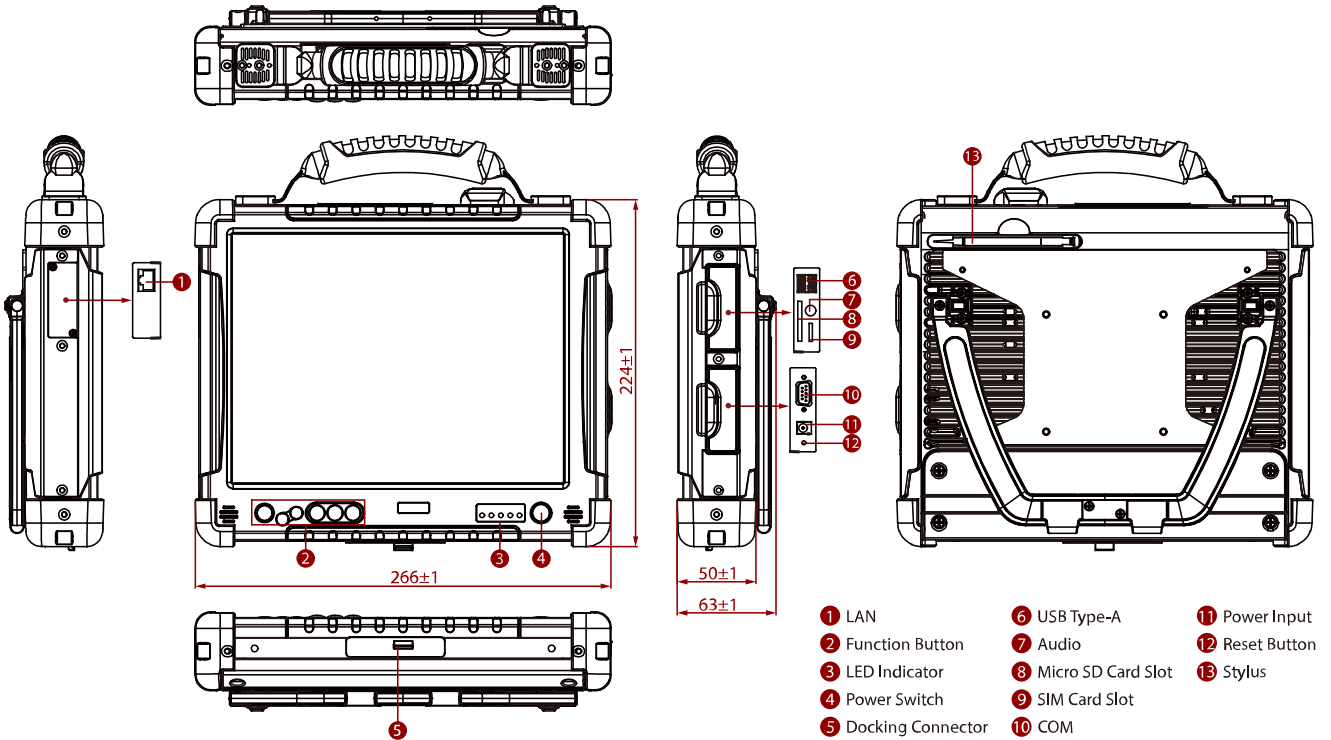## Accessory

Accessory	100~240V AC to 19V DC 65W Adapter Power Cord 11.1V / 5200mAh Battery Driver CD & Manual Quick Start Guide Stylus	**Optional Accessory**	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)

Barcode Scanner

Barcode Scanner	2D Barcode Reader (Optional)

Camera

Front Camera	2MP Camera (Optional)	**Rear Camera**	5MP Autofocus Camera (Optional)

DIMENSIONS UNIT:MM

Winmate R10IWK8M-RTT2GP

1 LAN
2 Function Button
3 LED Indicator
4 Power Switch
5 Docking Connector
6 USB Type-A
7 Audio
8 Micro SD Card Slot
9 SIM Card Slot
10 COM
11 Power Input
12 Reset Button
13 Stylus

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.