

# R10IP8M-RTT2GP

## 10.4" Intel® Pentium® N4200 Ultra Rugged Tablet



### KEY FEATURES

- Intel® Pentium® N4200 Apollo Lake processor, Ultra Rugged Tablet
- 10.4" 1024 x 768 Resolution Transflective TFT-LCD Panel
- Plastic front cover and Alu-Mg Alloy rear cover with Protective Rubber
- Trusted platform module (TPM) V2.0
- Built-in Wireless / BT / GPS
- Optional 4G LTE
- Adjustable kickstand handle (Optional)



### SPECIFICATIONS

Display			
<b>Resolution</b>	1024x768	<b>Size</b>	10.4 inches
<b>Contrast Ratio</b>	1000:1	<b>Panel Brightness</b>	700 nits
<b>View Angles</b>	88,88,88,88	<b>Touch / Glass</b>	Resistive Touch Screen Protection Glass Without Touch Function (Optional)
System Specification			
<b>Processor</b>	Intel® Pentium® N4200 (2M Cache, up to 2.5 GHz)	<b>Memory</b>	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x M.2 2242 SSD 64GB M.2 2242 SSD up to 512GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller I210-AT
<b>Security</b>	TPM 2.0	<b>Operating System</b>	Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (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>	2.39kg
<b>Mounting</b>	VESA Mount	<b>Enclosure</b>	Magnesium Alloy & ABS+PC
<b>Cooling System</b>	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
<b>Vibration</b>	MIL-STD-810G Method 514.6	<b>IP rating</b>	IP54
<b>Drop</b>	MIL-STD-810G Method 516.6, 4ft to concrete		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>USB Port</b>	2 x USB3.0 (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		

<b>Accessory</b>			
<b>Accessory</b>	100~240V AC to 19V DC 65W Adapter Power Cord 11.1V / 5200mAh Battery Driver CD & Manual 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)

**Barcode Scanner**

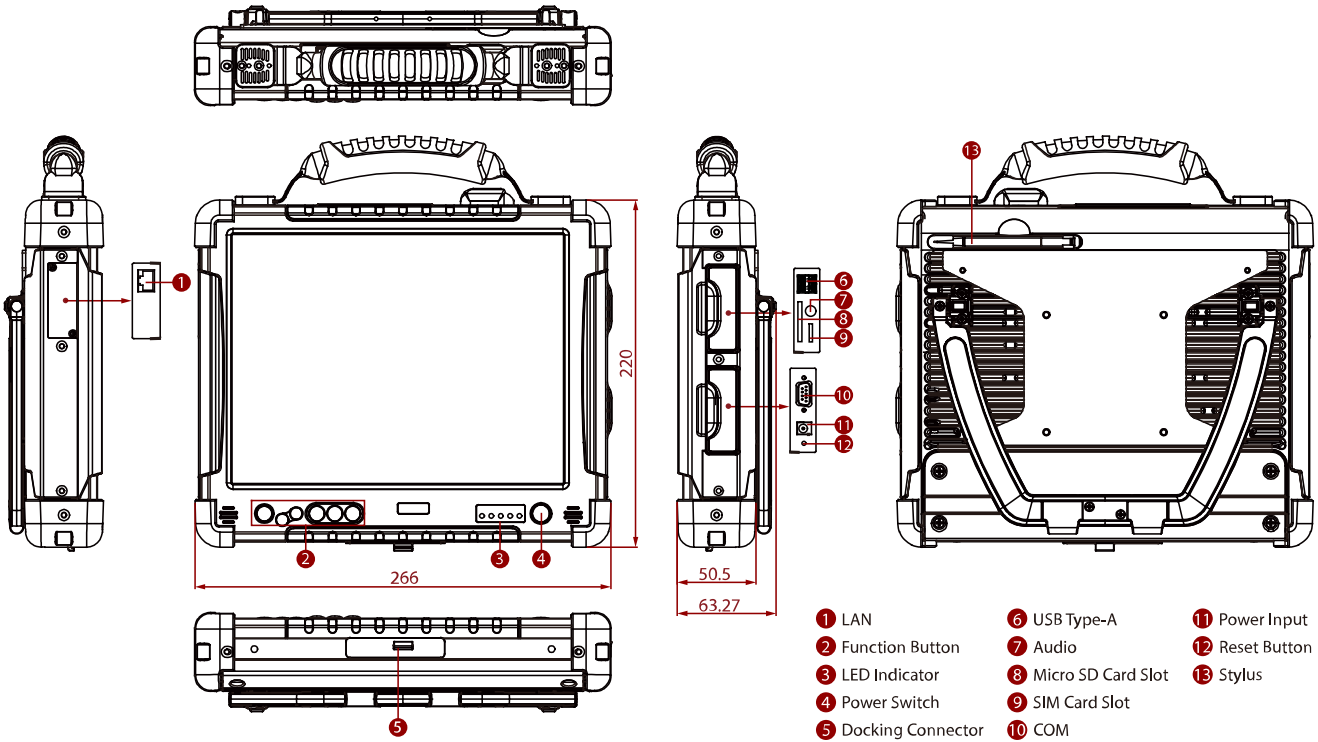
<b>Barcode Scanner</b>	2D Barcode Reader (Optional)
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**Camera**

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

**Winmate R10IP8M-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.