

# R10IK8M-RTT2GP, 10.4-inch Ultra Rugged Tablet

An Ultra Rugged Tablet Built to Handle the Toughest Tasks

The R10IK8M-RTT2GP is an 10.4-inch ultra-rugged tablet with a robust set of features designed to handle the toughest tasks while providing high tech solutions that increase productivity, improve safety, and reduce operational costs. The processing power comes from Intel's 7th generation Core i5-7200U Kaby Lake in a magnesium aluminum housing with protective rubber for military standard ruggedness. The R10IK8M-RTT2GP is a no-nonsense, field ready ultra-rugged tablet that can act as a powerful workstation in an easy to use package.









## **Highlights**

- 7<sup>th</sup> Gen. Intel<sup>®</sup> Core<sup>™</sup> i5-7200U, 2.5 GHz (turbo up to 3.1 GHz)
- 10.4" 1024 x 768 Resolution Transflective TFT-LCD Panel
- Alu-Mg Alloy Housing with Protective Rubber for MIL-810G Shock, Vibration and Drop Std.
- Trusted platform module (TPM) V2.0
- Bulit-in Wireless / Bluetooth / GPS
- · Optional 4G LTE
- · Adjustable Kickstand that is convertable to a handle (Optional)

Order Information			
	WWAN	Kickstand	1D/2D Barcode
R10IK8M-RTT2GP	4G/LTE (Optional)	N/A	Optional
R10IK8M-RTT2GPKS	4G/LTE (Optional)	Default	Optional





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#### **Display Specification**

1024 x 768 Resolution Contrast Ratio 1000:1 700 nit Brightness Viewing Angle 88/88/88/88 Touch Resistive Touch

#### **System Specification**

Intel® Core™ i5-7200U 2.5 GHz (turbo up to 3.1 GHz) CPU

System Chipset Intel HD Graphics 620

System Memory 4GB SODIMM DDR4-2133 (Max 16GB) 128GB M.2 SSD (Max 512GB) Operating System Windows 10 IoT Enterprise

#### Interface

Ethernet LAN 1 x RJ45

1 x RS232/422/485 (Thru BIOS Setting)

USB 2 x USB 3.0 1 x Power Jack Power Input Memory Card Slot 1 x Micro SD Card Slot SIM card slot 1 x Micro SIM Card Slot

Audio Connector 1 x Audio Combo Connector (Mic in or Line out)

#### Audio

Speaker 2 x 1 Watt Speaker

## Cameras (Optional)

Rear Camera 5MP with autofocus

#### **Wireless Communications**

WWAN Optional 4G/ LTE or 3G WLAN 802.11 a/b/g/n/ac

Bluetooth 4.0

GPS u-Blox Neo-M8N, supports GPS

(Optional GLONASS, Galileo, BeiDou)

#### **Keyboard and Input**

Physical Buttons 1 x Power, 1 x Menu, 3 x Function Key,

2 x Brightness Control Key

LED Indicators Power, Battery, HDD, RF Touch Resistive Touch

## **Data Capture**

Barcode 1D/2D Barcode Reader (Optional)

#### **Mechanical and Environment**

Dimensions 266 x 220 x 50.5 mm

2.39 kg Weight

Aluminum Magnesium Alloy Housing with Protective Rubber -20°C to 60°C (AC Mode), -10°C to 50°C (Battery Mode) Housing Operating Temperature

Storage Temperature -30°C to 70°C

10 to 90% RH, non-condensing MIL-STD-810G Method 516.6 Procedure I Operating Humidity Shock Vibration MIL-STD-810G Method 514.6 Procedure I

Drop MIL-STD-810G Method 516.6, 4ft to concrete IP Rating Default IP54 (Optional IP65)

#### **Power Management**

19V DC Power Input

Battery 11.1V, 5200mAh Lithium-Ion Battery (6cells)

Battery Operating Time 8 hours
Power Consumption 15W

AC Adapter 100-240V, 50-60Hz / 19V DC

#### Security Function

Security Trusted platform module (TPM) V2.0

#### **Standards and Certification**

**EMC** Safety

#### Accessories

### Standard Accessories

Adapter and Power Cord Standard Battery Quick Start Guide Manual & Driver CD Touch Stylus

## Optional Accessories

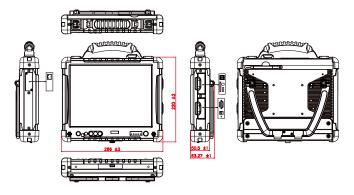
Adjustable Kickstand

Multi-functional Desktop Docking station

Vehicle Mounting Charger Kit

Car Power Charger Hand Strap Shoulder Strap Soft Shell Case Carry Bag

#### Drawing <sup>2</sup>





Do Not Expose the Battery Pack to Excessive Heat, or Extreme Heat (Near Fire, in Direct Sunlight for example)

Do not expose bare skin to this product when handling this unit in extreme

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



Release Date: 05-Aug-2019 V1.2



## **Assured Systems**

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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