

RP70

Fully Rugged and Professional

Windows 10 IoT Enterprise

INTEL Cherry Trail Quod Core Processor

Sunlight-Readable Display(700nits)

IP65 & 1.2m Drop

Ultra Slim 19mm&Light weight 600g

User Removable Battery without Reboot

Built-in 1D/2D Imager Barcode Scanner

4G LTE support



Pocketable Computer for Professionals



- Field service operation
- Warehouse Management
- Transportation & Logistics
- Sale force automation
- Postal service
- Retail shop operation
- Health care
- Law Enforcement & Civil Service



SPECIFICATIONS

Performance Characteristics

| | |
|-------------------------|---|
| CPU | Intel Cherry Trail Z8350, up to 1.9GHz Quad core Processor |
| OS | Windows® 10 IoT Enterprise |
| Memory | RAM: 4GB DDR3L-1600MHz ROM: 64GB EMMC (128GB optional) |
| Communication Interface | Desktop Cradle Interface : USB 2.0 A type Host 3ea, HDMI 2.0 1ea, Serial 1ea, Ethernet 1ea Extension 10pin connector : supporting USB and Serial Interface |

Physical Characteristics

| | |
|-------------------------------|---|
| Dimensions | 203.2mm(H) x 131.6mm(W) x 18.2(D) |
| Weight | 600g (21.1oz) with 5600mAh Battery |
| Display | 7 Inch / WXGA (800x1280), 700 nits |
| Touch Panel | Capacitive Touch |
| Keypad(Input) | 3 Front keys, 5 Side keys (Including 2 programmable keys) |
| Interactive Sensor Technology | Motion-sensor: 3-axis accelerometer Ambient Light Sensor |
| Battery | Standard : Li-Polymer 5,600mAh/3.7V Extended : Li-Polymer 11,200mAh/3.7V |
| Expansion Slot | MicroSDXC / Up to 2 TB cards supported |
| Audio | Dual Speaker / Receiver / MIC |

User Environment

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|-----------------------|------------------------------------|
| Operating Temperature | -20 °C ~ 60 °C (-4 °F ~ 140 °F) ° |
| Storage Temperature | -30 °C ~ 70 °C (-22 °F ~ 158 °F) ° |
| Humidity | Non-condensing, 93% |
| Drop Test | 1.2m (4 feet) |
| IP Rating | IP65 |

Integrated Radios

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|--------------|---|
| Wireless WAN | 4G LTE / HSPA+ / GSM / GPRS Frequency band EU 4G LTE : 800, 900, 1800, 2100, 2600MHz 3G HSPA+ : 900, 1800MHz 2G GSM/GPRS : 900, 1800MHz |
| Wireless LAN | 802.11 a/b/g/n/ac |
| Bluetooth | Bluetooth 4.0 + HS (BT Headset support) |
| GPS | Embedded A-GPS (Ublox-7 Series) |

Data Capture

| | |
|-----------|--|
| Camera | Rear 8.0MP Auto Focus with LED flash / Front 2.0MP |
| 2D Imager | 2D Imager Honeywell N3680, H/W Decoder |
| RFID | Integrated NFC Reader (NPC100/NXP Chip Set) |
| Sensor | Acceleration Sensor, Compass, Ambient Light Sensor |

Connectivity

| | |
|---------------|--|
| Interfaces | DC jack, USB3.0A, 3.5phi Ear-Mic Jack |
| I/O Connector | 25 pin connector |
| Extension | Extension 10 pin connector : supporting USB and Serial Interface |

ACCESSORIES



- For a complete listing of all products, please visit <http://www.gen2wave.com>

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