# RUGGTEK
## RUGGED MOBILE COMPUTER

# RUGGED HANDHELD RPX 610



5.5"

Intelligent devices with built-in barcode scanner and UHF RFID shall satisfy industrial projects with reading distance up to 18 meters.



Android 10
4GB Ram, 64GB Storage
WiFi, Bluetooth, 4G LTE
1D/2D Barcode scanner
UHF RFID
Pistol Grip

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| | | |
|---|---|---|
| Model | RPX 610 | |
| Operating System | Android 10 | support Google play service |
| Computing Platform | MediaTek MT6771 | 8 Cores, up to 2.00GHz |
| System Memory | 4GB | |
| Storage | 64GB SSD | |
| Graphic | ARM Mali-G72 | |
| Display | 5.5 inch | IPS technology |
| Resolution | 720 x 1440 | Portrait or Landscape, automatic screen rotation |
| Touchscreen | Capacitive multi-touch | User selectable by finger, pen and glove |
| Bluetooth | Bluetooth 4.2 wireless technology | |
| Wireless | IEEE 802.11a/b/g/n/ac compatible | 2.4GHz and 5.0GHz, Dual Band support |
| Cellular network | 4G LTE | Voice and data |
| Location | Built-in GPS, GLONASS, Galileo, BeiDou | A-GPS support |
| Sensors | Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor | |
| Audio | Mono Speaker | |
| Camera | 5MP front, 13MP rear | AutoFocus and Flash rear camera |
| Keyboard | Power button, Volume control, Barcode scanner, 3-button Android navigation | |
| Interfaces | USB 2.0 | x1 Type-C, support OTG |
| | Micro SD Memory Card Slot | x1 |
| | SIM Card | x1 |
| | Charging - DC In power | by USB port |
| | Docking connector | x1 |
| | Built-in Barcode reader | 1D and 2D barcode support |
| | Built-in UHF RFID | 865/868MHz or 920/925MHz, ISO 18000-6C |
| | | R/W range up to 18mt by Pistol Grip |
| Expansion Slots * | Built-in NFC reader | 13.56MHz, ISO 14443/15693 cards |
| Security * | PSAM Card | ISO 7816 cards |
| Power | Built-in rechargeable lithium-ion battery | 4800mAh |
| | | End-user replaceable battery |
| | AC/DC Power Adapter | Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2A |
| Cooling System | Fanless design - No fan. No noise. | |
| Dimensions | Height 166mm, Width 79mm, Depth 18mm | |
| Weight | approx.400g | |
| Environment ** | Display | Corning Gorilla Glass |
| | Touch screen | 7H anti-scratch surface |
| | Drop Resistance | 1.22m |
| | Dust Resistance | IP6x |
| | Water Resistance | IPx5 |
| | Operating Temperature | -20 °C to 60 °C |
| | Humidity | 0% to 90% relative humidity, non-condensing |
| | Vibration & Shock | In accordance with MIL-STD-810G |
| Regulatory | CE, MIL-STD-810G, WEEE, RoHS | |
| Ordering Code | RPX 610, 4GB RAM, 64GB SSD, Barcode, UHF by Pistol Grip (18mt), OS Android | |
| Included in the box | Hand holder, Power Adapter, Cables, Quick User Guide, Warranty document | |
| Accessories * | User replaceable anti-glare screen protector, Capacitive Pen with soft rubber, | |
| | Office Docking with Battery Charger, Power Adapter for Vehicle, | |
| | Spare Battery, Carrying Case. | |

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* Optional
** Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.