# RUGGTEK
## RUGGED MOBILE COMPUTER

# RUGGED HANDHELD RPC 610



**5.5"**

Intelligent devices with RFID shall satisfy industrial projects
with reading distance up to 18 meters by pistol grip.



Android 13
4GB Ram, 64GB Storage
UHF RFID by Pistol Grip
1D/2D Barcode scanner
Wireless & Bluetooth
Cellular Network

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| | | |
|---|---|---|
| Model | Handhelds C6 | |
| Operating System | Android 13 | support Google play store and services |
| Computing Platform | MediaTek MT6762 | 8 Cores, up to 2.00GHz |
| System Memory | 4GB | |
| Storage | 64GB | |
| Graphic | PowerVR GE8320 | |
| Display | 5.5 inch | IPS technology, 400nits |
| Resolution | 720 x 1440 | HD+ resolution display, 18:9 |
| | | Portrait or Landscape, automatic screen rotation |
| Touchscreen | Capacitive | Multi-touch by finger and pen |
| Bluetooth | Bluetooth 5.0 wireless technology | Class 2 |
| 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 GNSS | Support GPS, Glonass and Assisted GPS |
| Sensors | Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor | |
| Audio | Mono Speaker | |
| Camera | 13MP rear (and 5MP front ***) | Flash and Auto focus rear camera |
| Keyboard | Power button, Volume control (and 6 programmable buttons) | |
| Interfaces | USB port | x1 Type-C, support OTG |
| | SIM Card Slot | x2 |
| | SD Memory Card Slot | x1 |
| | Charging - DC In power | by USB port |
| | Docking connector | x1 |
| | Built-in UHF RFID | EPCglobal UHF Class 1 Gen 2 / ISO 18000-6C |
| | | R/W range up to 18mt by Pistol Grip |
| Expansion Slots * | Built-in Barcode scanner | 1D and 2D barcode support |
| | | Scan by Pistol Grip |
| Security *** | PSAM Card Slot | |
| Power | Built-in rechargeable lithium-ion battery | 7200mAh, ample power for a full shift |
| | | 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 176.5mm, Width 103mm, Depth 122.5mm | |
| Weight | approx.650g | |
| Environment ** | Operating Temperature | -20 °C to 60 °C |
| | High & Low, Shock Temperature | in accordance with MIL-STD-810G |
| | Humidity | 0% to 90% relative humidity, non-condensing |
| | Dust Resistance | IP6x |
| | Water Resistance | IPx5 |
| | Drop Resistance | 1.22m |
| | Solar Radiation, Altitude, Vibration and Shock | in accordance with MIL-STD-810G |
| Regulatory | CE, FCC, MIL-STD-810G, WEEE, RoHS | |
| Ordering Code | RPC 610-UHF, 4GB RAM, 64GB SSD, UHF by Pistol Grip (18mt), OS Android | |
| | RPC 610-2D, 4GB RAM, 64GB SSD, Barcode by Pistol Grip, OS Android | |
| Included in the box | Power Adapter, Quick User Guide, Warranty document | |
| Accessories * | Tempered Glass hardness 9H for anti-shock and anti-scratch, Rubber-tipped Pen, | |
| | Spare Battery, Office Docking with Battery Charger, AC/DC Power Adapter. | |
| Services * | Extended warranty up to 3/5 years, Battery protection, Accidental damage cover, Fast swapping. | |

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* Optional
** Tested by an independent third-party lab following CE, MIL-STD-810G and IEC 60529.
*** Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

Specifications given herein may be changed at any time without any notice.