

# HANDHELD RPX 610



5.5"



RFID Terminal designed for professional use  
with reading distance up to 18 meters by pistol grip.



Android 10  
4GB Ram, 64GB Storage  
Wireless & Bluetooth  
Cellular Network  
UHF RFID by Pistol Grip  
1D/2D Barcode scanner

[www.ruggtek.com](http://www.ruggtek.com)

|                                   |                                                                            |                                                  |                                     |
|-----------------------------------|----------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------|
| Model                             | Handhelds X6                                                               |                                                  |                                     |
| Operating System                  | Android 10                                                                 | support Google play store and services           |                                     |
| 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                                          | 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 GPS, Glonass, BeiDou                                              | A-GPS support                                    |                                     |
| Sensors                           | Ambient Light sensor, 3-axis Motion sensor, Magnetometer, Proximity sensor |                                                  |                                     |
| Audio                             | Mono Speaker                                                               |                                                  |                                     |
| Camera                            | 13MP rear (and 5MP front ***)                                              | 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                           |                                     |
|                                   | SD Memory Card Slot                                                        | x1                                               |                                     |
|                                   | SIM Card Slot                                                              | x1                                               |                                     |
|                                   | Charging - DC In power                                                     | by USB port                                      |                                     |
|                                   | Docking connector                                                          | x1                                               |                                     |
|                                   | Built-in UHF RFID                                                          | ISO 18000-6C and EPCglobal Gen2v2 compliant      |                                     |
|                                   | Expansion Slots *                                                          | Built-in Barcode reader                          | R/W range up to 18mt by Pistol Grip |
|                                   |                                                                            |                                                  | 1D and 2D barcode support           |
|                                   |                                                                            |                                                  | Scan by Pistol Grip                 |
|                                   | Security *                                                                 | PSAM Card                                        | ISO 7816 cards                      |
| Power                             |                                                                            | Built-in rechargeable lithium-ion battery        |                                     |
| Cooling System                    |                                                                            | 7200mAh, ample power for a full shift            |                                     |
|                                   |                                                                            | End-user replaceable battery                     |                                     |
| Dimensions                        | AC/DC Power Adapter                                                        | Input: 100-240VAC, 50/60Hz, Output: 5VDC, 2A     |                                     |
|                                   | Fanless design - No fan. No noise.                                         |                                                  |                                     |
| Weight                            | Height 169.5mm, Width 103mm, Depth 122.5mm                                 |                                                  |                                     |
| Environment **                    | approx.620g                                                                |                                                  |                                     |
|                                   | Glass protection                                                           | 7H anti-scratch and anti-shock 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      |                                     |
|                                   | Regulatory                                                                 | CE, FCC, WEEE, RoHS                              |                                     |
| Ordering Code                     | RPX 610-UHF, 4GB RAM, 64GB SSD, UHF by Pistol Grip (18mt), OS Android      |                                                  |                                     |
|                                   | RPX 610-2D, 4GB RAM, 64GB SSD, Barcode by Pistol Grip, OS Android          |                                                  |                                     |
| Included in the box Accessories * | Power Adapter, Cables, Quick User Guide, Warranty document                 |                                                  |                                     |
|                                   | User replaceable anti-glare screen protector, Rubber-tipped Pen,           |                                                  |                                     |
|                                   | Spare Battery, Office Docking with Battery Charger, AC/DC Power Adapter.   |                                                  |                                     |

[www.ruggtek.com](http://www.ruggtek.com)

\* Optional

\*\* Tested by an independent third-party lab following CE 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.

Copyright © 2024 Ruggtek, registered trademark. All Rights Reserved.