



## RK25: Mobile handheld computer with 25 keys, Android 7.0, 2D, NFC, GMS, WVGA, w/o cable & adapter

The CipherLab RK25 is a rugged mobile computer that combines the advantages of a touchcomputer and a handheld terminal. With its variety of functions, the features of a handy pocket computer, high data capacity, longevity and wireless connectivity, Hot-swap (battery replacement during run), the solution combines the user-friendliness of a smart device with the usual keyboard typing behavior. Built for users in the retailing, light warehousing and field mobility industries, it fulfills the most diverse user behaviors in any environment with big volume data collection demands.

The CipherLab RK25 is a rugged mobile computer that combines the benefits of touchcomputer and handheld terminal. The device boasts a large display screen and a physical keypad. Thanks to its multi-functionality, high data capacity, long service life and wireless connectivity, it provides all the functions of a fully-fledged mobile computer, combining the user-friendly credentials of a smart device with conventional, physical keypad typing. The device's handy design is specifically geared toward supporting users in practice. After all, in applications that call for the collection and input of large data volumes, physical keypads are often still preferred for quick and precise data entry. The CipherLab RK25 is therefore designed to ensure accurate input, even on the move, and to minimize errors in keypad entry. What's more, it is exceptionally reliable and robust, even in harsh conditions involving rain, snow or dirt. The individual keys can also be configured to execute complex commands such as activating sensors, initiating barcode scans and capturing GPS data.



### High security standards thanks to the Google certification

The CipherLab RK95 is certified for Google's GMS and it has also [Android Enterprise Recommended \(AER\) certification](#). This gives high safety standards to a user. The manufacturer also guarantees 90-day safety updates over the first five years after purchase.

### Key features:

- Robust design with protection rating IP65
- 4" display Corning Gorilla Glass 3 with multi-touch panel
- Physical keypad for more accurate data input
- Hot-swap feature for battery replacement
- The 4000 mAh swappable battery keeps the durable productivity going for long shifts in any environment
- Powerful wireless options and versatile data capture functionality

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# Technical Description

## Functionality & Operation

|                         |                                                                         |
|-------------------------|-------------------------------------------------------------------------|
| Wireless communication  | Bluetooth®, WiFi, NFC                                                   |
| Operation interface     | 25 keys, volume up and down, left and right trigger keys, ON/OFF        |
| Display type            | 4" WVGA 480x800, Corning Gorilla Glass 3                                |
| Indicators              | Tri-color LEDs, vibrator, speaker                                       |
| Audio                   | dual array digital microphone with echo and noise cancellation, speaker |
| Operating system        | Android 7 Nougat                                                        |
| CPU Type                | Qualcomm Quad Core 1,4 GHz                                              |
| Memory                  | 2GB RAM, 16 GB Flash                                                    |
| Touch-screen panel      | capacitive multi-touch                                                  |
| Expansion slot          | Micro SD Card (SDHC) 32 GB                                              |
| WPAN Features           | Bluetooth® Class II                                                     |
| WLAN Features           | IEEE 802.11a/b/g/n/ac/d/h/i/k/r/e                                       |
| Communication interface | USB 2.0 OTG                                                             |

## Optical

|                     |                                                                     |
|---------------------|---------------------------------------------------------------------|
| Depth of scan field | 1,5-28 cm                                                           |
| Bar code scanner    | 2D Imager                                                           |
| Camera              | without camera                                                      |
| Sensors             | accelerometer, proximity sensor, light sensor, e-compass, gyroscope |

## Electrical

|                   |                                            |
|-------------------|--------------------------------------------|
| Main battery pack | Rechargeable Li-Ion battery 4000 mAh, 3,8V |
|-------------------|--------------------------------------------|

## Mechanical

|            |                                           |
|------------|-------------------------------------------|
| Dimensions | Width: 73.8mm, Height: 26mm Length: 168mm |
| Weight     | 292g                                      |

## Environment

|                       |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| Operating temperature | -20 to 50°C                                                           |
| Storage temperature   | -30 to 70°C                                                           |
| Ingress protection    | IP65                                                                  |
| Shock resistance      | 300 tumbles at 0,5 m, multiply drops from 1,5 m onto concrete surface |

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