![CipherLab logo]

RK26: Mobile handheld computer with 25 keys, Android 12, Extra long 2D, Camera, NFC, WiFi6, GMS, USB Kit

CipherLab's Wi-Fi 6 rugged RK26, with an IP65 rating and up to 1.8m impact resistance, excels in both indoor and outdoor tasks. Its 4000mAh battery is replaceable and rechargeable, and an ergonomic option allows for one-handed use.

The RK26 series features high-responsive keypads, offering standard, mid, or advanced range scan readers. With its 16MP PDAF camera, it ensures fast and clear image capture. OCR technology eliminates typing errors by precisely extracting text from documents or objects. Wi-Fi 6 enables smooth transmission of large files. The RK26's durable design fits in your palm, ensuring peak performance across diverse tasks.

Available in 25-key and 28-key models, the RK26 caters to diverse user needs. CipherLab's RK26 offers reader engine options (standard, mid, and advanced) for versatile selection. It captures data from over 12.2m away. With a 16MP PDAF rear camera, the RK26 takes clear images with quick focus. It incorporates OCR (Optical Character Recognition) technology, enabling to extraction of characters via both camera and scan reader, streamlining tasks and reducing typing errors. Powered by a Qualcomm octa-core 2 GHz processor, the RK26 delivers impressive speed, app performance, and battery efficiency. Users can experience seamless app use and web browsing. The RK26's GMS (Google Mobile Service) verification ensures compatibility with Google applications, and it operates on Android 12 (upgradeable to Android 14) with AER (Android Enterprise

Recommended) certification for enterprise security. The RK26's 4GB/64GB memory effortlessly handles various workloads, offering powerful and reliable performance for efficient and secure task completion.

Main features of the CipherLab RK26 mobile computer

- Large Screen and Responsive Keys for Efficient Workflow
- Versatile reader engine options (standard, mid, and advanced): up to 12.2 meters reading capability
- [AER (Android Enterprise Recommended) certificatio](#)n guaranties future upgrade up to Android 14
- ASP (Android Silver Partner) certification guaranties 5 years online security patches of the firmware
- Wi-Fi 6 and Real-time Communication

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Technical Description

Functionality & Operation

Keyboard	25 keys, alphanumeric, with backlight
Wireless communication	Bluetooth®, NFC, WiFi 6
Communication interface	802.11 a/b/g/n/ac/d/h/i/r/k/v/w/ax dual band, Bluetooth Class II 5.1 ver. 2.1+ EDR, USB, NFC, MU-MIMO 2x2
Operating system	Android
Memory	4GB LPDDR4X RAM
Memory	64GB UFS Flash
Expansion slot	Micro SD Card (SDXC)
Touch-screen panel	Yes, capacitive multi-touch
CPU Type	Qualcomm 4290 Octa-core 2 GHz
Display type	4'' WVGA 480x800, Transmissive IPS LCD, 500 nit
Audio	microphone with echo and noise cancellation, speaker
Indicators	Tri-color LEDs, vibrator, speaker
WPAN Features	Bluetooth® Class II v2.1 EDR, Bluetooth® v5.1 Dual mode (2.1+EDR / BLE)

Optical

Bar code scanner	Advanced Long 2D Imager, Autofocus with LED aimer (SE5500)
Depth of scan field	5.6 cm ~ 14 meters
Sensors	accelerometer, proximity sensor, light sensor, e-compass, gyroscope
Camera	16 MPix, with LED flash, with Autofocus , PDAF

Electrical

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

Mechanical

Dimensions	Width: 73.8mm, Height: 26.5mm Length: 168mm
Weight	292g (with battery)

Environment

Operating temperature	-20 to 50°C
Operating humidity (non-condensing)	10 to 90%
Ingress protection	IP65
Storage temperature	-30 to 70°C