Timcod SOLUTIONS SUPPLYCHAIN
Enjoy tomorrow

CIPHERLAB
Smarter

RK96
series

android enterprise recommended

CIPHERLAB Smarter

Timcod SOLUTIONS SUPPLYCHAIN Enjoy tomorrow

Android 15 (Upgradable to Android 18)

Exceptional scanning up to 29 meters

Support Wi-Fi 7, 2x2 MU-MIMO and Bluetooth 6.0 for fast data transfer and minimized connectivity disruptions

Bright LEDs on the sides for clear status indicators

Larger, tactile keys with wider spacing for glove-friendly input

TPU bumper shield protects the reader and E-Ink display

E-Ink displays essential information, allowing for easily identifying mobile devices and asset management

Taller design enhances grip and boosts impact resistance

Key Size :

Fn key size **+21%**

Numeric key size **+4%**

Key Spacing :

Vertical Spacing **+13%**

Horizontal spacing **+32%**

*Upgrade from legacy RK95 series devices

38/41/47/53 Keypad Options

Versatile keypad options available for various applications, while ensuring consistent user behaviors

38 Key

41 Key

47 Key

53 Key

Ergonomic grip fits between thumb and index finger for a stable, non-slip hold and easy-touch control

Intuitive pistol grip handle design, enhancing directional accuracy and comfort

Empowering Next-Gen Wireless Applications

Powered by Qualcomm's Q-6690 processor, the RK96 with Wi-Fi 7 delivers seamless roaming, ultra-fast data transfer, and minimized connectivity disruptions across large warehouses. Bluetooth 6.0 support connects scanners, wearables, and sensors into a unified IoT ecosystem, streamlining workflows and boosting productivity.

Larger and More Accurate Keypads for Enhanced Hands-On Efficiency

The RK96's enlarged, ergonomically designed keypad enhances accuracy and comfort. With larger keys and wider spacing, users experience fewer mis-presses and smoother input — even with gloves on. Improved tactile feedback ensures faster, more intuitive data entry, keeping every task effortless and efficient.

Enhanced Asset Management and User Identity

Operators' mobile devices frequently move through various zones, making traceability a challenge. An E-Ink Display on the back can provide clear, essential information while consuming minimal power, making it perfect for asset management and personal identification in mobile devices.

Accelerating Data Entry and Digitalization with Pic 'n Fill OCR

This future-ready platform supports advanced software and edge AI development. CipherLab's Pic 'n Fill™ OCR utilizes Edge AI technology to rapidly capture text images and convert them into machine-readable data, automatically filling forms in the backend and improving digitization speed and efficiency.

Smart Android Management with Faster Deployment and Broader Reach

ReMoCloud Express, a cloud-native mobile device management platform, allows enterprises to efficiently manage Android and IoT devices on a large scale. With broad device compatibility, offline geofencing, remote troubleshooting, and no need for on-site servers, it is designed for secure, high-volume enterprise deployments.

RK96 series

ANDROID 15 | WiFi 7 | IP65 | 1.8M MULTIPLE DROPS | 2.4M DROPS Rubber boot | NFC | E-Ink Display | ALPHANUMERIC KEYPAD | NUMERIC KEYPAD | 2x2 MIMO

Industrial Mobile Computer

Performance	Operating System	Android 15 (GMS and AER certified) ,Upgradable to Android 18*[1]
	CPU	Qualcomm Q-6690 Octa-core, up to 2.9GHz, Edge AI enabled
	Memory	128GB FLASH / 8GB RAM
	Expansion	Micro SD Slot With SDHC (up to 32 GB) and SDXC (up to 2TB) Support
	Operating Power	Standard Rechargeable Li-Ion: 3.635V, 7000mAh (25.45 Wh); Hot swap battery backup with temporary session persistence
	Working Hours[2]	Standard: Min. 14 working hours
	Alert	LED indicatores for RF, charging status, scanning status 2 rectangle LED at sides / Haptic feedback vibration / Speaker with smart amplifier driver
	Interface Supported	USB 3.1 Gen 1 Type-C / USB 2.0 with OTG
Wireless Communication	WLAN security	WEP, WPA (PSK, TKIP), WPA2 (AES, PSK), WPA-1X (TKIP,EAP-TLS, PEAP), WPA2-1X (AES, EAP-TLS, PEAP) ,802.1x (EAP-TLS, PEAP) AES-CCMP, WPI-SMS4, WPS2.0, WAPI, EAP-TTLS (PAP, MSCHAP, MSCHAPv2), PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP, EAP-PWD
	WLAN	IEEE 802.11 a/b/g/n/ac/ax/be/d/h/i/r/k/v/w ; Wi-Fi 7 (802.11be) , IPv4, IPv6, 2x2 MU-MIMO
	Additional WLAN Features	802.11r (fast roaming), 802.11 v/k (Voice-Enterprise) ,dual-band simultaneous(DBS),high-band simultaneous(HBS), tri-band 2.4GHz/5GHz/6GHz Multi-Link Operation (MLO) and eMLSR 320 MHz
	WPAN	Bluetooth® Class II, V6.0 dual mode, V2.1 with Enhanced Data Rate (EDR);BLE long range
Data Capture	Barcode Scanning	Standard: 2D Imager/ Extended-Range 2D imager
	Camera	Rear: 16 megapixels PDAF with LED flash and Optical Image Stabilization (OIS) / Front : 5 megapixels
	NFC	Supports ISO14443A, ISO14443B, ISO15693, Mifare, Felica (Peer-to-Peer, Card Reader, Card Emulation)
Physical Characteristics	Display	4.3" WVGA color display, Capacity Touch supports bare/wet/gloved finger and stylus inputs, Corning Gorilla Glass
	E-ink Display	1.3" e-INK 144x200 pixel; display color: Red/Yellow/Black/White
	Touch Panel	Corning® Gorilla® Cover Glass, Capacitive touch supports stylus, bare or gloved fingertip input multi-touch, allow water rejection and wet finger
	Interactive Sensor Technologyy	Light sensor, Proximity sensor, Motion sensor, E-compass, Gyroscope,Temperature sensor for Cold Storage
	Keypad	38-Key/41-Key Numeric/Function Keypads, 47-Key/53-Key Alphanumeric Keypads with LED backlight
	Voice and Audio	PTT voice ; Speaker, Microphones with noise reduction and echo cancellation, Bluetooth® headset
	Size (LxWxH)	227.6 mm x 79.8 mm x 43 mm (terminal) / 227.6 mm x 79.8 mm x 167.5 mm (Gun type)
	Weight	Standard: 538.2 g (7000 mAh) with 2D imager
User Environment	Operating temperature	Standard: -20°C to 50°C / -4°F to 122°F
	Storage Temperature	-30°C to 70°C / -22°F to 158°F
	Humidity (Non-Condensed)	Operating 5% to 95% / Storage 5% to 95%
	Impact Resistance	IP65 / 1000 (1 m) Tumbles Standard: 1.8 m / 2.4 m with Rubber Boot, multiple drops onto concrete (MIL-STD-810G), crossing operating temperature
	Electrostatic Discharge	± 15 kV Air Discharge, ± 8 kV Contact Discharge
	Regulatory Compliance	FCC / BC / CA65 / TSCA / NCC / BSMI / CE / WEEE / RoHS / REACH / Erp / BIS / WPC / IC / NrCAN / RCM (the regulatory compliance for WWAN model is available on request, NRE and MOQ may apply)
Development Support	CipherLab API and Android 15 Standard API	
Application Software	Reader Config, Terminal Emulation, Button Assignment, Device Health Dashboard, LogGen, AppLock, A-Demo, Configuration, Ping Tool, Software Trigger key, Enterprise Settings, SIP Controller, BarcodeToSetting, Pic 'n Fill™OCR	
Certified Application	SOTI MobiControl, Omnissa Workspace ONE (Vmware AirWatch), Ivanti, ReMoCloud, ReMoCloud Express, EnDeCloud, StayLinked, Springdel	
Accessories[3]	Snap-on Cable (USB), Pistol Grip, Rubber Boot, 4-slot Battery Charger, 5-slot Terminal Charging Cradle, 20-slot Battery Charger, Multi-slot Charging Cradle with Battery Charger, Charging and Communication Cradle, Hand Strap, Shoulder Strap, Belt Holster, Pistol Grip Strap	
Warranty	3 year	

1. The Android version is subject to technical feasibility confirmed by Qualcomm. Please contact us for availability.
2. Minimum 14 hours. 2D imager scanning every 20 seconds, LCD at 50% backlight, and speaker on (default volume) at 25°C, Bluetooth® off / WLAN 802.11 a / b / g / n / ac on. The test is based on one broadcasting packet per second.
3. Compatible with RK95 series accessories, except for the new development.
4. Product sepcifications are subject to change without prior nottice.

ACCESSORIES

Belt Holster

Hand Strap

Pistol Grip

Rubber Boot

Shoulder Strap

Pistol Grip Strap

Charging and Communication Cradle

(USB) Snap-on Cable

4-slot Battery Charger

5-slot Terminal Charging Cradle

Multi-slot Charging Cradle with Battery Charger

20-slot Battery Charger

CIPHERLAB Smarter
www.cipherlab.com

Headquarters CipherLab Co., Ltd.
12F, No. 333, Sec. 2,
Dunhua S. Rd., Da'an Dist.,
Taipei City 106033, Taiwan
Tel: +886 2 8647 1166

CipherLab China
3115 Room, No.317 Xianxia Road,
Changning District, Shanghai,
China 200050
Tel: +86 21 3368 0288
Toll Free: +86 400 920 0285

CipherLab USA
2552 Summit Ave. STE 400,
Plano, Texas 75074, USA
Tel: +1 469 241 9779
Toll Free: +1 888 300 9779

CipherLab Europe
Posthoornstraat 11,
3011 WD Rotterdam,
The Netherlands
Tel: +31103077152

This column contains the contact details of our channel partner. In case of any discrepancies in the brochure content, the information on the official CipherLab website shall prevail.

©2026 CipherLab Co., Ltd. All specifications are subject to change without notice. All rights reserved. All brand, product and service, and trademark names are the property of their registered owners.

TRK96X0101501 - 01/2026