

RK96 Mobile Computer
Quick Start Guide

EN 日本語

RK96 モバイルコンピュータ
クイックスタートガイド

EN 日本語

The Regulatory label can be found in your device from the path below:

Settings → Legal Information → Electronic authentication

規制ラベルは以下のパスを介してご確認ください。

設定 → 法的情報 → Electronic authentication

EN 日本語

Compared to the previous generation RK95, the new RK96 features 1) 1.1 cm longer base for effortless hold; 2) A honeycomb-patterned rubber boot for superior shock resistance; 3) an innovative e-paper display to showcase property numbers, employee IDs, or other essential information.

前世代の RK95 と比べ、新しい RK96 には 1) より快適に持てるよう、本体下部を 1.1cm 延長；2) 優れた耐衝撃性を実現するハニカム構造のラバーブーツ；3) 資産番号、社員 ID、その他必要な情報を表示できる革新的な電子ペーパーディスプレイ。

Open Your Box / 内容物の確認

- ✓ RK96 Mobile Computer
RK96 モバイルコンピュータ

✓ Rechargeable Li-ion Battery
充電式リチウムイオンバッテリー

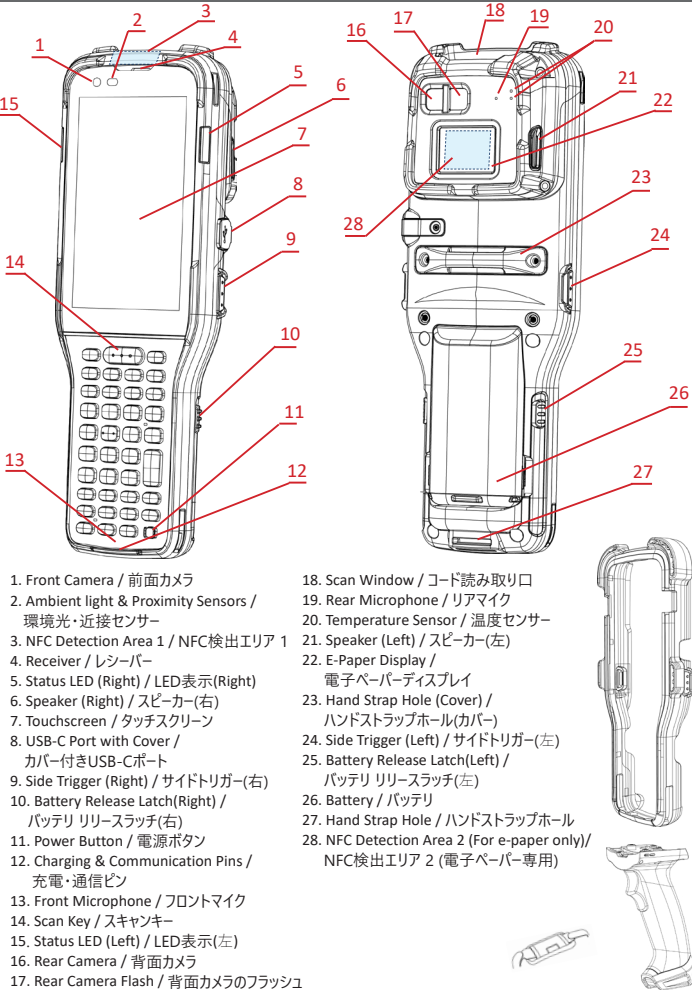
✓ Quick Start Guide
クイックスタートガイド
- ✓ Rubber Boot (Optional)
ラバーブーツ(選択品)

✓ AC Adapter(Optional)
AC アダプター(選択品)

✓ Snap-on Charging & Communication Cable (Optional)
スナップオン式充電・通信ケーブル(選択品)
- ✓ Hand Strap (Optional)
ハンドストラップ(選択品)

✓ Pistol Grip (Optional)
ピストルグリップ(選択品)

Overview



Install & Remove Battery / バッテリーの装着と取り外し

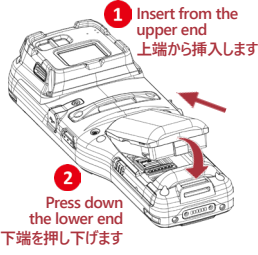
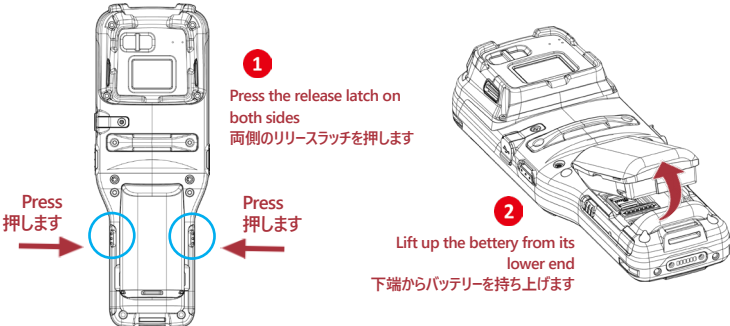
Installing the battery / バッテリーの装着

Step 1 :
Insert the battery into the battery chamber from the top, then press down the lower end to secure it.
手順 1 :
バッテリーをバッテリー室に上から挿入し、下端を押して固定します。

A click sound is made once the battery is in place. 装着されると「カチッ」と音がします。

Removing the battery / バッテリーの取り外し

Step 1 :
Press the release buttons on both sides of the device at the same time. The battery will tilt up slightly, ready to be removed.
手順 1 :
本体両側のリリースボタンを同時に押します。バッテリーが少し持ち上がり、取り外し可能になります。

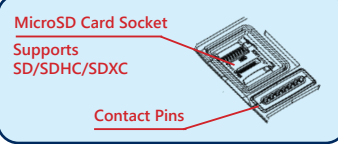
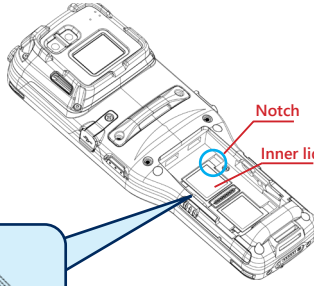


Battery Information / バッテリーの情報

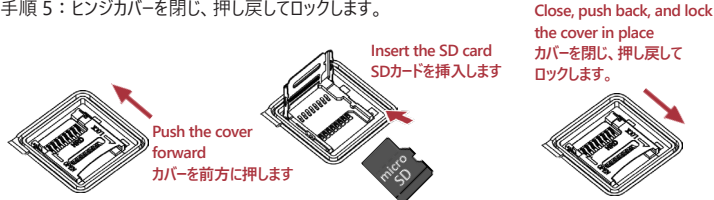
	Standard Battery 標準バッテリー	Cold Chain Battery コールドチェーン電池
Power Supply 電源アダプター	Input / 入力 : AC 100-240V, 50/60 Hz ; Output / 出力 : DC 5V, 2A CipherLab approved power adapter/CipherLab 専用電源アダプター	
Battery Capacity バッテリー容量	3.6V, 6800mAh	3.7V, 5500mAh
Working Hours 稼働時間	Minimum: 14 hours 最短 : 14 時間	Minimum: 5 hours at -30°C 最短 : -30°C で 5 時間
Charging Time 充電時間	Approx. 4 hours 約 4 時間	Approx. 4hours 約 4 時間
Operating Temperature 動作温度	-20°C ~ 50°C / -4°F ~ 122°F	-30°C ~ 50°C / -22°F ~ 122°F
Storage Temperature 保管温度	-30°C ~ 70°C / -22°F ~ 158°F	
Ingress Protection / 防塵・防水等級	IP65/1000 (1m) Tumbles タンブル 1.8m / 2.4m with Rubber Boot, multiple drops onto concrete 1.8m / 2.4m (ラバーブーツ装着時)、 コンクリートへの複数回落下	IP65/1000 (1m) Tumbles タンブル 1.5m, operating temperature down to -30° C, multiple drops onto concrete 1.5m (動作温度 -30° C まで)、 コンクリートへの複数回落下
Impact Resistance 耐衝撃性		

Installing the SD card / SD カードの装着

Step 1: Remove the battery.
手順 1 : バッテリーを取り外します。
Step 2: Open the black inner lid using the notch on the right side.
手順 2 : 右側の切り欠きから黒い内蓋を開けます。
Opening the inner lid reveals the card socket and its hinge cover.
内蓋を開けると、カードソケットとヒンジカバーが現れます。



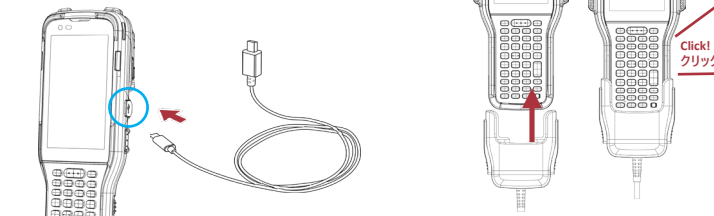
Step 3: Push the socket's hinge cover forward to unlock it, then lift the cover open.
手順 3 : ソケットのヒンジカバーを前方に押してロックを解除し、カバーを持ち上げて開けます。
Step 4: Insert the microSD card into the socket.
手順 4 : microSD カードをソケットに挿入します。
Step 5: Close the hinge cover, then push it back until it locks in place.
手順 5 : ヒンジカバーを閉じ、押し戻してロックします。



Step 6: Close the inner lid and secure the battery back in place.
手順 6 : 内蓋を閉じ、バッテリーを元の位置に固定します。

Charging & Communication / 充電と通信

The RK96 Mobile Computer can be charged and connected for data communication using either the Snap-on Cable or a USB Type-C cable.
RK96 モバイルコンピュータは、スナップオンケーブルまたは USB Type-C ケーブルで充電とデータ通信が行えます。



CAUTION :

USA (FCC):

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Information (SAR)

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.

During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 10 mm. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR.

The SAR limit set by the FCC is 1.6W/kg.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

Canada (ISED) :

This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le guide d' utilisation des dispositifs pour réseaux locaux doit inclure des instructions précises sur les restrictions susmentionnées, notamment :

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l' intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(iv) lorsqu'il y a lieu, les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la section 6.2.2.3, doivent être clairement indiqués

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods. This equipment should be installed and operated with minimum distance 10 mm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

Cette EUT est conforme au das pour la population générale/limites d'exposition non contrôlée dans IC RSS-102 et a été testée conformément aux méthodes de mesure. Cet appareil doit être installé et utilisé avec une distance minimale de 10 mm entre l'émetteur et votre corps. Cet appareil et sa ou ses antennes ne doivent pas être co-localisés ou fonctionner en conjonction avec tout autre antenne ou transmetteur.

IC RSS 248 issue 3:

Devices shall not be used for control of or communications with unmanned aircraft systems.

Devices shall not be used on oil platforms.

Les dispositifs ne doivent pas être utilisés pour le contrôle ou les communications avec les systèmes d'aéronef sans pilote.

Les dispositifs ne doivent pas être utilisés sur les plates-formes pétrolières.

Devices shall not be used on aircraft, except for the low-power indoor access points, indoor subordinate devices, low-power client devices, and very low-power devices operating in the 5925-6425 MHz band, that may be used on large aircraft as defined in the Canadian Aviation Regulations, while flying above 3,048 metres (10,000 feet).

Les dispositifs ne doivent pas être utilisés à bord des aéronefs, sauf pour les points d'accès intérieurs à faible puissance, les dispositifs subalternes intérieurs, les dispositifs clients à faible puissance et les dispositifs à très faible puissance fonctionnant dans la bande de 5925 à 6425 MHz, qui peuvent être utilisés sur les gros aéronefs au sens du règlement de l'aviation canadien, alors qu'ils volent à plus de 3048 mètres (10 000 pieds).

Devices shall not be used on automobiles.

Devices shall not be used on trains.

Devices shall not be used on maritime vessels.

Les dispositifs ne doivent pas être utilisés sur les automobiles.

Les dispositifs ne doivent pas être utilisés sur les trains.

Les dispositifs ne doivent pas être utilisés sur les navires maritimes.

EU / UK (CE/UKCA):

EU Declaration of Conformity

Hereby, CIPHERLAB CO., LTD. declares that the radio equipment type RK96 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: www.cipherlab.com

The device is restricted to indoor use only when operating in the 5250 to 5350 MHz, 5945 to 6425MHz (WIFI 6E LPI) frequency range.

UK Declaration of Conformity

Hereby, CIPHERLAB CO., LTD. declares that the radio equipment type RK96 is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The full text of the UK Declaration of Conformity may be found at the following internet address: www.cipherlab.com

In accordance with the relevant statutory requirements in UK, the 5250 to 5350 MHz, 5945 to 6425MHz (WIFI 6E LPI) frequency range is restricted to indoor use only in the United Kingdom.

RF Exposure warning

This device meets the EU requirements (2014/53/EU) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The limits are part of extensive recommendations for the protection of the general public. These recommendations have been developed and checked by independent scientific organizations through regular and thorough evaluations of scientific studies. The unit of measurement for the European Council's recommended limit for mobile devices is the "Specific Absorption Rate" (SAR). This equipment should be installed and operated with minimum distance 5 mm between the radiator and your body, and the SAR limit is 2.0 W/Kg averaged over 10 grams of body tissue. It meets the requirements of the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

For next-to-body operation, this device has been tested and meets the ICNRP exposure guidelines and the European Standard **EN 50566 and EN 62209-2**. SAR is measured with the device directly contacted to the body while transmitting at the highest certified output power level in all frequency bands of the mobile device.



AT	BE	BG	CH	CY	CZ	DK	DE
EE	EL	ES	FI	FR	HR	HU	IE
IS	IT	LT	LU	LV	MT	NL	PL
PT	RO	SI	SE	SK	NI		

	UK
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CAUTION
Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.

All operational modes:

Technologies	Frequency range (MHz)	Max. Transmit Power
Bluetooth	2402-2480 MHz	10.5 dBm
Bluetooth LE	2402-2480 MHz	10.0 dBm
WLAN 2.4 GHz	2412-2472 MHz	19.20 dBm
WLAN 5 GHz	5150-5250 MHz	22.44dBm
WLAN 5 GHz	5250-5350 MHz	19.51 dBm
WLAN 5 GHz	5470-5725 MHz	19.38 dBm
WLAN 5 GHz	5725-5850 MHz	13.48 dBm
WLAN 6 GHz	5945-6425 MHz	22.29 dBm
NFC	13.56 MHz	-13.59dBuA/m @ 10m