

# RH-K20

## Android Handheld Computer

The **RH-K20** is a high-performance rugged Android handheld computer designed for professional use in demanding environments such as **hospitals, supermarkets, logistics, manufacturing, and warehouses**. With its fast octa-core processor, high-precision barcode scanner, and long-lasting battery, the RH-K20 delivers reliable performance wherever real-time data capture is essential.



### Applications

- **Hospitals & Healthcare**  
Perfect for patient identification, medication tracking, and real-time medical inventory management. Its fast and accurate barcode scanner ensures error-free data entry, improving patient safety and workflow efficiency.
- **Supermarkets & Retail**  
Supports mobile POS, shelf management, and price verification. The RH-K20 allows staff to scan products quickly and manage stock updates instantly on the sales floor.
- **Logistics & Transportation**  
Designed for parcel tracking, proof of delivery, and route optimization. Its durable **IP67-rated** housing protects against water, dust, and drops, ensuring dependable operation in field environments.
- **Manufacturing & Production Lines**  
Ideal for operator authentication, material tracking, and quality inspection. The **powerful CPU** ensures smooth performance even when processing large data sets or working with multiple applications.
- **Warehousing & Distribution**  
Simplifies inventory counting, goods receiving, and dispatch operations. With its **high-performance barcode engine** and **5000mAh removable battery**, it provides all-day uptime and fast, accurate scanning in any condition.

### Key Advantages

- **High-Speed Processor** for smooth multitasking and fast data processing
- **Professional 1D/2D Barcode Scanner** for long-range, high-accuracy reading
- **IP67 Sealing** for full protection against dust, water, and shocks
- **5000mAh Removable Battery** with fast charging for uninterrupted work shifts
- **Optimized for Harsh Industrial Environments**, both indoors and outdoors

The **RH-K20** combines powerful computing, advanced data capture, and rugged durability — delivering dependable performance for any industry that relies on accurate, mobile data collection.

**Specification**

<i>Basic configuration</i>	Product Model	RH-K20
	CPU	Octa core 2*A78 @2.4GHz,6*A55 @2.0GHz
	OS Version	Android11.0
	Memory	6GB RAM+128GB ROM
	Bluetooth	Bluetooth 5.1
<i>LCM</i>	LCD	6.217 inch (IPS), HD+, 720*1520
	TP	Multi-touch,IC:GT911
<i>Network</i>	Cover plate material	Corning GG3, Reinforced glass cover plate, fully fitted, 1.1mm
	WLAN	Support 2.4/5GHz dual-band WIFI LAN 802.11 ax/ac/a/b/g/n, Wi-Fi 6
<i>Sensor</i>	Cellular data	4G: TDD LTE FDD LTE 3G:HSPA+ ,EVDO, GPRS EDGE; 2G:GPRS class 12/EDGEE 5G: NR
	GNSS	GPS/Beidou/Galileo/GLONASS/AGPS
	Motion Sensor	3-axis Accelerometer with MEMS Gyro
	Magnetometer	eCompass automatically detects direction and orientation
	Light Sensor	Automatically adjusts display backlight brightness
<i>Camera</i>	NFC	Support,13.56MHz Contactlese interface modem - ISO/IEC 18000-3 , 18092 - ISO/IEC 14443 A/B - ISO/IEC 15693 Mifare compliance
	Front	5mp FF
	Rear	13mp AF
	Rear secondary camera	5mp FF
<i>Audio</i>	Flashlight	Support
	Speaker	1W 8Ω*2, 1217 dual speaker
	Headphone	Support 0809 IP68 waterproof
	Motor	0827 flat motor
<i>IO interface</i>	MIC	Dual MIC, 3D DNR MIC
	Earphone	Not support
	USB	Type-C USB2.0+charging, support OTG cable, 5V/2A
	SIM Card type	Dual cards (SIM+SIM or SIM+TF)
<i>Data Capture</i>	TF card slot	Support TF card(up to 256GB)
	Fingerprint module	Support fingerprint unlock, Interface: SPI, Sensor: FT9371L6, up to support five fingerprints
	Scan module	support 1D/2D code
<i>Button</i>	Ray distance	Scanning distance up to 60cm/1.968 foot
	Left	Scan key * 1
<i>Others</i>	Right	On/Off key* 1+Volume key* 1+scan key * 1
	Google GMS	Support
	Battery	Removable battery, 5000mAh gel polymer , 4.35V (3.8V), 10K NTC resistance
<i>Accessories</i>	Dimension	168.3 x 79.5 x 16.9mm
	Certifications	3C certification, Drop test report , RoHS report
	Adaptor PE+	DC 5V/2A, 9V2A 18W flash charge
	Cable	Type-C USB2.0+charging
	Wrist strap	Optional
<i>Environment</i>	Cradle	Optional
	Protect Shell	Optional
	Operating Temperature	-20°C-60°C
	Storage Temperature	-40°C-70°C
	Working Humidity	5%-95%
Drop Specifications	Multiple 1.5 m drops to tile over concrete	
Sealing	IP67	