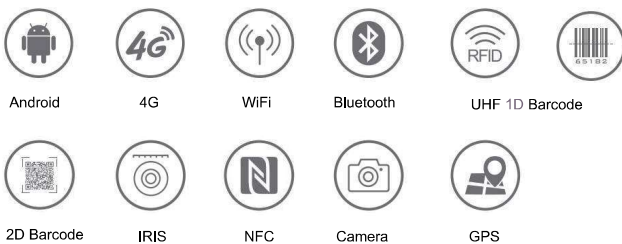


LR5

License Scanner



Mobile Computer with License Scanning



The LRH500 is an Android rugged mobile computer. It can be configured with internal UHF module with 1 dBi circularly polarized antenna. With its powerful processor and wireless connections, you can find this easy-to-deploy device an exceptionally valuable helper to increase working efficiency and productivity in retail, logistics and healthcare.



Specification

Performance

CPU	Cortex-A53 Octa-core 2.5 GHz
RAM+ROM	3 GB+ 32 GB/4GB + 64 GB
Expansion	Supports up to 128 GB Micro SD card
Operating System	Android 8.1; Soti MobiControl, SafeUEM supported

Communication

WLAN	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna
WWAN (China)	2G: 900/1800 MHz
	3G: WCDMA: B1,B8
	CDMA2000 EVDO: BCO
	TD-SCDMA: B34,B39
WWAN (Europe)	4G: B1 ,B3,B5,B8,B34,B38,B39,B40,B41
	2G: 850/900/1800/1900 MHz
	3G: B1,B2,B4,B5,B8
WWAN (America)	4G: B1,B3,B5,B7,B8,B20,B40
	2G: 850/900/1800/1900 MHz
WWAN (Others)	3G: B1,B2,B4,B5,B8
	4G: B2,B4,B7,B12,B17,B25,B66
Bluetooth	Depending on the country's ISP
Bluetooth	Bluetooth v2.1+EDR,3.0+HS,v4.1+HS
GNSS	GPS/AGPS, GLONASS, BeiDou; internal antenna

Physical Characteristics

Dimensions	164.2 x 78.8 x 17.5 mm / 6.46 x 3.10 x 0.69 in.
Weight	<321 g/11.32oz.
Display	5.2" IPS FHD 1920 x 1080
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Power	Main battery: Li-ion, rechargeable, 5000mAh
	Standby: over 350 hours
	Continuous use: over 12 hours (depending on user environment)
	Charging time: 3-4 hours (with standard adaptor and USB cable)
Expansion Slot	1 slot for SIM card, 1 slot for SIM or TF card
Interfaces	USB 2.0 Type-C, OTG, TypeC headphones supported
Audio	Speaker, 2 microphones
Keypad	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key
Sensors	Gravity sensor, light sensor, proximity sensor, vibration motor

Developing Environment

Language	Java
Tool	Eclipse / Android Studio

User Environment

Operating Temp.	-4 °F to 122 °F / -20 °C to 50 °C
Storage Temp.	-40 °F to 158 °F / -40 °C to 70 °C
Humidity	5% RH - 95% RH non condensing
Drop Specification	Multiple 1.8 m / 5.9 ft. drops (at least 20 times) on concrete across the operating temperature range
Tumble Specification	1000 x 0.5m /1.64 ft. drop at room temperature
Sealing	IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±6 KV conductive discharge

Notice: Product specifications are subject to change without prior notice. / Update Date: 2020-07-09

Techsolutions®

Techsolutions (Pty) Ltd.

Address: 9F 1219 Cobham Ave, Queenswood, 0186, Pretoria, South Africa
 Email: sales@techsolutions.co.za Web: <http://www.techsolutions.co.za>

Data Collection

UHF RFID (Optional)

Frequency	865-868 MHz / 920-925 MHz / 902-928 MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular polarization (1 dBi)
Power	1 W (+19 dBm to +30 dBm adjustable)
R/W range	3 m

* Ranges and rates depend on tags and environment

Camera

Rear Camera	13 MP Autofocus with flash
Front Camera (optional)	5 MP camera

NFC

Frequency	13.56 MHz
Protocol	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
Chips	M1 card (S50, S70), CPU card, NFC tags, etc.
Range	2-4 cm

Barcode Scanning

1D Linear Scanner	Zebra: SE965; Honeywell: N4313
1D Symbologies	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
2D Imager Scanner	Zebra: SE4710 / SE4750 / SE4750MR; Honeywell: N6603
2D Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

Iris (optional)

Rate	< 150 ms
Range	20-40 cm
FAR	1/10000000
Protocol	ISO/IEC19794-6, GB/T 20979-2007

Accessories

Standard	AC Adaptor, USB Cable, Lanyard, etc.
Optional	Cradle, Holster, etc.

* For detailed specification, please check Accessory Guide.

