



# Ruggbo 21 Lite

LIGHTWEIGHT BIOMETRIC HANDHELD

Ruggbo Range

## Product Description

BioRugged Ruggbo 21 Lite is a new generation Android 11 (GMS) biometric enrollment and verification handheld terminal. It features a 5" Screen, LTE, 8MP Camera, 3GB/32GB Storage, quad-core Processor, a wide range of FBI / PIV / ISO / ANSI certified fingerprint reader options. With more than 120,000 units of the Ruggbo range deployed, BioRugged now sets a new standard for handheld biometric devices.

The Ruggbo 21 Lite has been designed for eKYC enrollment, voting and civil biometric verification, visitor registration, law enforcement, check point identification and banking. Depending on the use case, it may be optionally equipped with a contactless card reader (ISO14443 type A/B, ISO18092), SIM/SAM slot, and/or a smart card reader (ISO7816).

The device has a specially designed rubber cover to enhance its ruggedness for use in harsh and hostile working conditions.

## Highlights

- Android 11
- Suprema or Futronics optical fingerprint
- NFC reader (optional)
- Smart card reader (optional)



Smart Card Reader



NFC



Android



CONNECTIVITY  
(3G WIFI BLUETOOTH)



GPS



Camera



Fingerprint

## General

- OS  
**Android 11 GMS**
- Processor  
**Quad core 2.0GHz**
- Internal Memory  
**3GB/32GB (Optional 4+64GB)**
- Display  
**5.0" 1280\*720 IPS**
- Battery  
**5000mAh (Optional 10000mAh)**
- Dimensions  
**195(L) x 84(W) x 31(H) mm**
- 1D/2D Barcode /Scanner  
**NewLand (NLS-N1) - Optional**

## Operative

- Camera  
**5 MP front  
8 MP (optional 13 MP) back  
with LED flash**
- Fingerprint  
**Suprema Biomini Slim 2 Fap20 PIV  
Futronic FS81**
- Contactless Card Reader  
**ISO14443 Type A/B Mifare,  
ISO18092 compliant**
- Smart Card Reader  
**ISO 7816 (Optional)**
- Touch screen  
**G+F+F**
- USB  
**Type C + USB 2**

## Communications

- Communications  
**WCDMA/GPRS/WiFi/Bluetooth  
LTE (Optional)**
- GPS  
**GPS/A-GPS**
- WiFi  
**802.11b/g/n/ac**
- Extension Storage  
**TF(micro SD) card up to 128GB**
- PSAM  
**(Optional)**
- Bluetooth  
**BT4.1 with BLE**



## About Us

BioRugged(TM) specializes in biometric systems with a strong focus on durability, ease of use and mobile devices. Our devices are rugged and affordable for both rural and urban deployment. Our solutions range from handheld systems to custom-built, mobile enrollment kits.

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