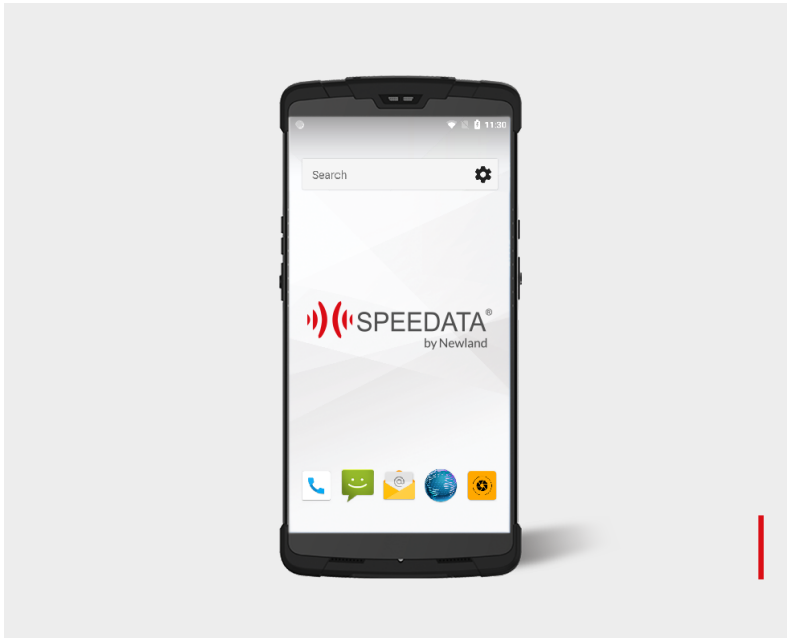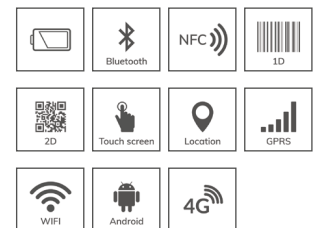# Mobile Computer

backside and front of the SD55UHF

SD55UHF Lynx
Mobile Computer

Design, simple operation and a rugged casing all fit together in this mobile computer, armed with UHF.

Logistics • Retail

Battery	Bluetooth	NFC	1D
2D	Touch screen	Location	GPRS
WIFI	Android	4G	

About the product

- Supports 1D and 2D barcodes

- Built on Android 8.1

- 5.5 inch (1440x720) 5 point capacitive touch screen

- Octa-core 2.0GHz

- Offers: WIFI 802.11 a/b/g/n (2.4GHz & 5GHZ), Bluetooth 4.1, GPS, Camera, NFC, UHF, GSM, WCDMA

- Supplied with cradle

Accessories

charging cradle (included)

Technical specifications

MODEL	SD55UHF
CPU	Octa-core 2.0GHz
OS	Android 8.1
RAM	4GB
ROM	64GB
Camera	Rear camera 13MP AF; high brightness LED flash, front Camera 5MP FF
Display size/type	5.5 inch, IPS highlight screen
Resolution	720x1440 ,
Touch screen	5-point capacitive touch screen
Dimensions	150mm x 72.5mm x 16.5mm
Weight (with battery)	290g
Battery capacity	5800mAh
Charging	PE fast charging, full charge time < 4h
Bluetooth	BT4.1 BLE
Wi-Fi	IEEE 802.11 a/b/g/n 2.4G 5G dual frequency
WWLAN	FDD-LTE B1/B3/B7
	TDD-LTE B38/B39//B40/B41
	TDSCDMA B34/B39
	WCDMA B1/B2/B5/B8
	GSM B2/B3/B5/B8
	CDMA1x/CDMA2000 BC0
GPS	GPS+BD+GLONASS
Audio	Front dual stereo speakers, Volume 90db±3db (test distance 10cm)
Sensors	Gsensor, Ambient light sensor, Proximity Sensor, COMPASS
Interface	2 Nano SIM card slots
	1 Micro SD card slot
	USB Type-C, OTG
Keypad	2 volume buttons, 2 function buttons (1 left, right), 1 power button
Notifications	Sound, vibration, LED
Operating temperature	-20°C to +55°C
Storage temperature	-30°C to + 70°C
Working humidity	5% to 95%
IP Class	IP65
Drop test	1.5m
ESD	+ 15kV air discharge, +8kV contact discharge
Certificates	CCC, CE, FCC
NFC	ISO14443A/B, ISO15693, NFC reading distance: 0~5cm
UHF RFID	ISO18000-6C
	Euro frequency (865MHz - 867MHz)
	Antenna: 1.5dBi ceramic antenna
	Power: working voltage 3.6-5V,RF output 5dBm to 30dBm(1W), 1dbm adjustable;
	Standby power consumption: about 0.25W, maximum 4W(typical 3.5W)
	Identification range: indoor >5m, outdoor open environment >3m
	Group read rate: >30 tags per second
	Inventory speed: >30 tags/sec
Barcode scanning	AZTEC, CODABAR, CODE11, CODE128, EAN128, CODE39, CODE49, CODE93, COMPOSITE, DATAMATRIX, EAN8, EAN13, INT25, MAXICODE, MICROPDF, PDF417, POSTNET, OCR, QR, RSS, UPCA, UPCE, ISBT, BPO, CANPOST, AUSPOST, IATA25, CODABLOCK, JAPOST, PLANET, DUTCHPOST, MSI, TLC39, TRIOPTIC, CODE32, STRT25