Lynx 20

Handheld Data Terminal



Simplicity wins, again.







1. Advantages



High Performance Computing Platform

Powerful hardware configurations to ensure applications like massive data collection, 3D real-time display can be operated smoothly.



Android 6.0

Android 6.0 OS, keep optimizing and updating.



Top Class Materials

CNC aluminum, PC+ABS (SABIC) body with 0.8mm thickness tempered glass offer excellent strength + heat dissipation + electromagnetic shielding features.



Industrial-grade components + super long life cycle

Industrial-grade and military-grade components ensure stable operation in harsh environments. Over ten years of supply can be offered, which provides guarantee for the long term projects.



Magnetic Hotswapping Battery System

Pistol style hot-swappable battery system makes backup battery more convenient to be restored. 4,000mAh battery provides ultra long operating time.



Outstanding Industrial Design

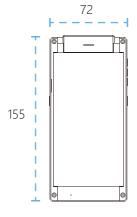
The idea was inspired by lynx, and each single detail has been well refined. The appearance is compact, elegant and balanced, which makes the product eye-catching and impressive.



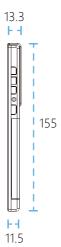
Excellent Mechanical Protection

Safety drop height 1.2m. With IP64 protection grade to resist dusts and splashes effectively.

2. Dimensions (mm)



Ultra-thin body, only 10.8mm thickness from the screen to the bottom of the device





3. Electrical Parameters

Mechanical parameters

Materials CNC aluminum, PC + ABS (SABIC)

Dimensions 155*72*13.3mm

Weight 260g (battery included/standard version)

System Characteristics

Operating System Android 6.0

CPU Quad-core Cortex-A17 / 1.8 GHz

GPU ARM Mali-T764/High performance 3D engine

RAM +ROM 2G+16G

4G+64G Optional

LCD 5.0 inches/ 1280*720 / IPS / 180°view angle

Touch Screen 0.8 mm thickness tempered glass/ 5- dot

touch / operable with gloves

Hotswapping Battery Magnetic style hotswapping battery system

Buttons

Power / Volume 3 ALPS buttons/ Operating force 2.5N /

Operating life 1 million cycles

Scan Trigger*2 2 ALPS buttons/ Operating force 1.6N /

Operating life 5 million cycles

Power 4,000mAh chargeable li-polymer battery

Card Slots Nano SIM card slot*1

USB Interface Micro USB / MOLEX connector /Operating

life 10,000 cycles

Speaker Supported

Microphone Digital HiFi Microphone

Vibration Supported Charge Indicator Bicolor LED

Wireless Communications

WIFI IEEE802.11b / g / n

Bluetooth Bluetooth 4.0

4G Supported Optional V

Application Environment

Operating Temp $-20^{\circ}-+60^{\circ}$ Storage Temp $-30^{\circ}-+70^{\circ}$

Humidity 5%RH - 95%RH (non -condensing)

Protection Grade IP64
Safety Drop Height 1.2 m / 6.56ft

Data Collections

1D/2D Barcode Optional

Jptional ✓

Engine Zebra SE4710

2D Data matrix/QR Code/PDF417/

US Planet/ UK Postal, etc

1D UPC/EA Symbol SE955N/Code128/

Code39/Code93/Code11/

Interleaved 2 of 5/ Discrete 2 of 5/

Chinese 2 of 5/Codabar/MSI/ RSS.etc.

UHF RFID

Engine Based on PHYCHIPS PR9200

Protocol EPC Global UHF Class 1 Gen 2 /

ISO 18000-6C

Frequency 902-928MHz, 865- 868MHz

Output Power 18~26dBm
Peak Inventory Speed > 50 tags /s

UHF Antenna 1dBi circularly polarized antenna

Read Distance > 1m (tested with Impini E41b inlay)

Supported Regions US, Canada and other regions following

US FCC

Europe and other regions following ETSI

EN 302 208 China Korea Malaysia

Camera Optional

13 megapixels/ automatic focus/ flashlight

Global positioning system

GPS&GLONASS

Accessories



Battery

Desktop charger



Charger & Data cable



Hanging Lace