Lynx 30

Handheld Data Terminal

Simplicity wins

1. Advantages

High Configuration Computing Platform

Octa-core 64-bit Cortex-A55 processor (up to 2.0 GHz), plus a 200M RISC-V Co-processor and an independent 2.0 TOPs NPU make all kinds of massive data processing smoothly.

Android 14.0

Android 14.0 OS, keeps optimizing and upgrading.

Top Class Materials

CNC aluminum, PC+ABS (SABIC) material create strong body rigidity and excellent waterproof.

Industrial-grade Components

Industrial-grade and military-grade components ensure stable operation in harsh environments.

Magnetic Hotswapping Battery System

Magnetic hotswapping battery system makes it more convenient to install backup battery. 4000mAh battery provides ultra long operating time.
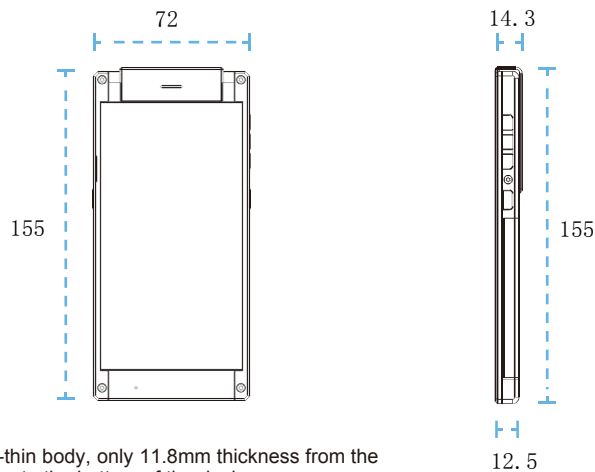
Outstanding Industrial Design

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.IP64 protection grade.

2. Dimensions（mm）

Ultra-thin body, only 11.8mm thickness from the screen to the bottom of the device

3. Electrical Parameters

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Mechanical Parameters

Materials	CNC aluminum, PC + ABS (SABIC)
Dimensions	155(L)*72(W)* Head: 14.3(H)mm
	End: 12.5(H)mm
Weight	260g (battery included/standard version)

System Characteristics

Operating System	Android 14.0
CPU	Octa-core 64-bit Cortex-A55 /up to 2.0 GHz + a 200M RISC-V Co-processor
NPU	Independent AI computing engine, up to 2.0 TOPs
GPU	G57 MC1
RAM +ROM	4G+32G
LCD	5.0 inches/ 1280*720 / IPS / 180°view angle
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	Micro SIM card slot
USB Interface	USB3.0 Type C (support OTG)
Speaker	Supported
Microphone	HiFi Microphone
Vibration	Supported

Wireless Communications

WIFI	2.4G/5G Dual-Band
Bluetooth	Bluetooth 5.0
4G	Supported

Application Environment

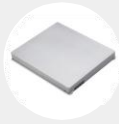|	
Operating Temp	−20°- +60°
Storage Temp	−30°- +70°
Working Humidity	5%RH - 95%RH (non -condensing)
Protection Grade	IP64
Safety Drop Height	1.2 m / 6.56ft

Data Collections

1D/2D Barcode

2D	Data matrix/QR Code/PDF417 US Planet/ UK Postal, etc
1D	UPC/EA Symbol SE955N/ Code128/Code39/Code93/ Code11 Interleave d 2 of 5/ Discrete 2 of 5/Chinese 2 of 5/ Codabar/MSI/ RSS.etc.

UHF RFID

Sensitivity	-85dBm
Protocol	EPC Global UHF Class 1 Gen 2 /ISO18000-6C
Frequency	902-928MHz, 865- 868MHz `Optional✔`
RF Output Power	0~26dBm
Peak Inventory Speed	＞ 200 tags/s
UHF Antenna	1dBi circularly polarized antenna
Read Distance	>3m (tested with Impinj E41binlay)
Supported Regions	US, Canada and other regions following US FCC Europe and other regions following ETSI EN 302 208 China Korea Malaysia etc.

Camera	13 megapixels/ automatic focus/ flashlight

Global positioning system	GPS & GLONASS & Beidou

Accessories

Battery

Desktop charger `Optional✔`

Charger & Data Cable

Hanging Lace