

C72

Long-range Android handheld for sales-floor and warehouse inventory

Overview

Rugged Android handheld built around Impinj E-series silicon with Gen2X support, reaching up to 30 m read range and 1300+ tags per second. The removable pistol grip carries an 8000 mAh battery for full-shift cycle counting, and an optional 2D imager covers barcode work on the same device.



Technical specifications

Operating system	Android 11 / 13 with GMS
CPU	Octa-core 2.3 GHz
Memory	4 GB RAM + 64 GB / 128 GB ROM
Display	5.2" IPS LTPS, 1920 x 1080
RFID module	Impinj E-series, Gen2X protocol
Air interface	EPC C1 Gen2 / ISO 18000-6C
Read range	26-30 m depending on tag
Read speed	1300+ tags/second (circular polarisation)
Barcode	Optional 2D imager (Zebra / Honeywell)
Battery	8000 mAh Li-ion, 12+ h continuous
WLAN	802.11 a/b/g/n/ac dual band
Bluetooth	5.0
Cellular	2G / 3G / 4G
Positioning	GNSS with A-GPS, GLONASS, BeiDou
Sealing	IP65
Drop spec	Multiple 1.5 m drops to concrete
Operating temperature	-20 °C to 50 °C
Dimensions	166.2 x 81.1 x 24.1 mm (host); 177 x 88.6 x 145.8 mm with UHF handle
Weight	375 g (host); 673 g with UHF handle

Common uses

- Retail inventory and cycle counting
- Warehouse receiving and dispatch
- Apparel stock tracking
- Fixed-asset audits
- Fleet and logistics management

Use case: Sales-floor cycle count

