

C5

6" UHF ANDROID 13
 MOBILE SCANNER

POWERFUL. RELIABLE. READY
 FOR ANY ENVIRONMENT.

High Performance. **Built to Last.**

 The Chainway C5 is an upgraded all-in-one high-performance UHF RFID Reader. Integrating an Impinj E Series chip based UHF module, it supports Impinj Gen2X with industry-leading performance.

Powered by Android 13, an octa-core processor and a large capacity removable battery, the C5 delivers excellent reliability for demanding applications in warehousing, logistics, retail, assets tracking and more.



UHF
RFID



UHF RFID
IMPINJ E SERIES



ANDROID 13



OCTA-CORE
2.3GHz



4G, WI-FI,
BLUETOOTH 5.0



7000mAh
REMOVABLE
BATTERY

KEY FEATURES

- ✓ Impinj E Series chip based UHF module

✓ Up to 33dBm output power and 30m+ read range

✓ Android 13 with Octa-core 2.3GHz processor

✓ 6" FHD+ display with Corning Gorilla Glass

✓ 7000mAh removable battery with hot swap support

✓ 4G, Wi-Fi dual-band, Bluetooth 5.0 and Vo-LTE

✓ IP65 rated and 1.5m drop protection

✓ Optional 2D barcode scanning and NFC

SPECIFICATIONS

Operating System	Android 13
CPU	Octa-core, 2.3GHz
Memory	3GB RAM + 32GB ROM / 4GB RAM + 64GB ROM (Optional)
Expansion	Supports up to 256GB Micro SD (TF)
Display	6.0 inch, 2160 x 1080
Touch Panel	Multi-touch, gloves and wet hands supported
Battery	7000mAh removable pistol battery Built-in 100mAh backup battery, supporting hot swap
Communication	4G, Wi-Fi (2.4G / 5G), Bluetooth 5.0, Vo-LTE
GNSS	GPS / AGPS, GLONASS, BeiDou, Galileo
Durability	IP65 sealing 1.5m drop to concrete
Dimensions	178.8 x 96.5 x 128.4 mm
Weight	Approx. 626g (with battery)

UHF RFID

RFID Engine	Impinj E Series
Protocol	EPCglobal Gen 2 (ISO18000-6C)
Frequency	865–868MHz / 920–925MHz / 902–928MHz
Output Power	1W (30dBm, +5dBm to +30dBm adjustable) 2W Optional (33dBm, for Latin America, etc.)
Max Read Range*	Up to 30m (Impinj MR6 tag) Up to 32m (Impinj M750 tag) Up to 33m (Alien H3 Anti-Metal tag)
Fastest Read Rate*	1300+ tags / sec (Circular Polarized)

* Ranges and rates depend on tags and environment

APPLICATIONS

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WAREHOUSING
 Inventory management and stock tracking



LOGISTICS
 Parcel tracking and supply chain visibility



RETAIL
 Goods management and anti-theft solutions



ASSET TRACKING
 Track valuable assets and equipment



PUBLIC SECTOR
 Banking, public security and ID management

OPTIONAL FEATURES

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2D BARCODE SCANNING
 High performance 1D/2D scanner for versatile data capture



NFC
 Supports ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2

WHAT'S IN THE BOX

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1 x C5 UHF
Mobile Scanner

 Bulk packed securely

RECOMMENDED ACCESSORIES

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Charging Cradle
For device



Charging Cradle
For Pistol Battery



USB Cable & Power Adapter

