



CHAINWAY C66 5.5" UHF ANDROID 13 MOBILE DEVICE

RUGGED UHF RFID HANDHELD COMPUTER

The Chainway C66 is a rugged Android 13 UHF RFID handheld computer built for demanding enterprise applications. Powered by the Impinj E710 RFID engine and a high-performance octa-core processor, the C66 delivers fast, accurate data capture and long-range UHF reading performance. With 4G connectivity, a large 5.5-inch display and robust industrial design, it is the ideal solution for logistics, warehousing, retail, manufacturing and field operations.



UHF RFID

Long-range reading
up to 15m+



ANDROID 13

Latest Android
operating system



ZEBRA SCAN

Professional 1D/2D
barcode scanning



5000mAh BATTERY

Long-lasting power
for all-day use



RUGGED DESIGN

IP67 & 1.5m drop
resistant



KEY FEATURES

- ✓ Impinj E710 UHF RFID engine
- ✓ UHF reading distance up to 15m+
- ✓ Android 13 operating system
- ✓ 5.5" HD+ display
- ✓ Zebra professional barcode scanner
- ✓ Octa-core 2.0GHz processor
- ✓ 4G LTE, Wi-Fi, Bluetooth 5.2
- ✓ IP67 rugged protection
- ✓ 1.5m drop resistance
- ✓ NFC support
- ✓ 5000mAh removable battery
- ✓ Ergonomic and rugged design

PRODUCT SPECIFICATIONS

Operating System	Android 13
Processor	Octa-core 2.0GHz
Memory	4GB RAM / 64GB ROM
Display	5.5" HD+ (1440 x 720) IPS
Touch Panel	Multi-touch, Capacitive Touch Panel
RFID Engine	Impinj E710
RFID Protocols	EPC C1 GEN2 / ISO18000-6C
UHF Frequency	865-868MHz / 920-925MHz
UHF Reading Distance	Up to 15m+ (dependent on tags & environment)
Antenna	Circular Polarized (4dBi)
Barcode Scanner	Zebra SE55 1D/2D Imager
Camera	Rear: 13MP AF with Flash Front: 5MP
Battery	5000mAh Removable
Communication	4G LTE, Wi-Fi 802.11 a/b/g/n/ac, Bluetooth 5.2
GPS	GPS / AGPS / Glonass / BeiDou / Galileo
NFC	Supported
SIM	Nano SIM x 1, Nano SIM / TF x 1
Audio	Speaker, Microphone, Receiver
Ports	USB Type-C, POGO Pin
Keys	Power, Volume, Scan, Custom Function Key
Sensors	G-sensor, Light Sensor, Proximity, Gyroscope
Dimensions	159.0 x 76.5 x 15.5 mm
Weight	Approximately 295g (with battery)
Durability	IP67, 1.5m Drop Resistance
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +70°C
Humidity	5% ~ 95% (Non-condensing)
ESD Protection	±15kV Air Discharge, ±8kV Contact Discharge
Certifications	CE, FCC, RoHS, IP67

TYPICAL APPLICATIONS



WAREHOUSING

- Inventory management
- Stocktaking
- Asset tracking
- Receiving & dispatch



RETAIL

- Stock management
- Price verification
- Loss prevention
- Store operations



HEALTHCARE

- Asset tracking
- Medication tracking
- Patient management
- Inventory control



LOGISTICS

- Parcel tracking
- Shipment verification
- Fleet management
- Proof of delivery



MANUFACTURING

- Work-in-progress tracking
- Asset management
- Production monitoring
- Quality control



FIELD OPERATIONS

- Field data collection
- Asset inspection
- Maintenance tracking
- Utility management

RFID PERFORMANCE

RFID Engine	Impinj E710
Frequency	865-868MHz 920-925MHz
Protocol	EPC C1 GEN2 / ISO18000-6C
Antenna	Circular Polarized (4dBi)
Peak Read Rate	> 900 tags / sec
Reading Distance	Up to 15m+
RF Power	5dBm to 30dBm (adjustable)

ENVIRONMENTAL

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +70°C
Humidity	5% ~ 95%
Drop Resistance	1.5m
Sealing	IP67
ESD	±15kV Air, ±8kV Contact

CONNECTIVITY

4G LTE	FDD: B1/B3/B5/B7/B8/B20 TDD: B38/B40/B41
Wi-Fi	802.11 a/b/g/n/ac (2.4G/5G)
Bluetooth	Bluetooth 5.2
GPS	GPS / AGPS / Glonass / BeiDou / Galileo
NFC	13.56MHz, Support ISO14443/B, ISO15693, Mifare, Felica

WHAT'S IN THE BOX

- 1 x Chainway C66 Handheld Computer
- 1 x 5000mAh Battery
- 1 x USB Type-C Cable
- 1 x Power Adapter
- 1 x Hand Strap
- 1 x Quick Start Guide

COMPLIANCE

- ✓ CE Certified
- ✓ FCC Certified
- ✓ RoHS Compliant
- ✓ IP67 Certified
- ✓ Android Enterprise Recommended

