



Product Catalogue

Data Collection Device Manufacturer and Solution Provider



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CHAINWAY

As a leading "Internet of Things" company in China, Shenzhen Chainway Information Technology Co., Ltd is a professional provider of products and solutions of RFID, barcode and biometrics technologies. We are dedicated to helping clients of all industries enhance efficiency, maximize productivity and reduce operational cost.



Handheld Computers



Handheld RFID Readers



Wearable RFID Reader



Fixed RFID Readers



Desktop RFID Reader



UHF RFID Modules



Rugged Tablet



Vehicle Computers



Handheld Computers

C66 / C61 / C60 / C90 / C6000
C71 / C70 / C75





Fingerprint



Volume Measurement



C66 Handheld Computer

Operating System / CPU / RAM+ROM	1) Android 11 Qualcomm Snapdragon™ 662 2.0 GHz Octa-core 3GB+32GB / 4GB+64GB / 6GB+128GB 2) Android 9 Qualcomm Snapdragon™ 450 1.8 GHz Octa-core 3GB+32GB / 4GB+64GB
Dimensions	160.0 x 76.0 x 15.5 / 17.0 mm
Display	5.5-inch IPS Display
Battery	4200 / 5200mAh Removable Main Battery; Support QC3.0 and RTC, Charging time: only 2.5 hours; 5200 mAh optional pistol battery
Functions	Barcode Scanning / UHF RFID / Fingerprint Recognition/ Volume Measurement / NFC / Camera(some are optional)

Optional Accessories	Pistol Grip、Vehicle Charge Cradle、Wrist Strap、Rubber Bumper、Screen Protector、Main Battery、Pistol Battery、Charging Cradle、Type C & Pogo Pin I/O Connector、4-slots Charging Cradle Set、Rugged Rubber Boot with Hand Strap / Belt Clip
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Fingerprint (Android 11)	Accurate Fingerprint Reading, enables secure data encryption and fake finger detection 5200mAh Removable Main Battery Support Barcode Scanning and NFC
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Volume Measurement (Android 11)	Measurement speed up to 2s / piece, Measurement Error<5% Measured distance: 40CM-4M 5200mAh Removable Main Battery Support Barcode Scanning and NFC
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C61 Handheld Computer

Operating System / CPU /	1) Android 11, Qualcomm Snapdragon™ 662 2.0 GHz Octa-core 3GB+32GB / 4GB+64GB / 6GB+128GB
RAM+ROM	2) Android 9, Qualcomm Snapdragon™ 450 1.8 GHz Octa-core 3GB+32GB / 4GB+64GB
Dimensions	202 x 72.5 x 32 mm
Keyboard	27 keys / 37 keys / 47 keys
Display	4-inch Display (480 x 800)
Battery	6700 mAh Removable Main Battery, support QC3.0 and RTC, Charging time: only 3 hours Optional Trigger Handle (Extended 5200mAh Battery)
Optional	Built in 100mAh backup battery, supporting battery hot swap
Accessories	Pistol Grip, Wrist Strap, Rugged Rubber Boot with Hand Strap / Belt Clip Main Battery, Pistol Battery, Charging Cradle, 4-slots Charging Cradle Set
Functions	Barcode Scanning / UHF RFID / NFC / Camera (some are optional)
Cold	Operating Temp.: -30 °C to +50 °C



C71 Handheld Computer

Operating System / CPU /	1) Android 11, Cortex-A53 2.3 GHz Octa-core 3GB+32GB / 4GB+64GB / 6GB+128GB
RAM+ROM	2) Android 8.1, Cortex-A53 2.5 GHz Octa-core 3GB+32GB / 4GB+64GB
Dimensions	164.2 x 78.8 x 17.0 mm
Display	5.2-inch 1080p FHD Display
Battery	5000mAh Battery, Continuous use: over 12 hours, Charging time: only 3-4 hours
Optional	Charging Cradle, 4-slots Charging Cradle Set,
Accessories	Screen Protector, Rugged Rubber Boot
Functions	Barcode Scanning / Biometric Identification (Fingerprint / Iris / Face) / NFC / HF RFID / PSAM / Camera / Infrared Thermometer (some are optional)



C60 Handheld Computer

Operating System /	1) Android 11, Cortex-A53 2.0GHz Octa-core
CPU / Ram+Rom	3GB+32GB / 4GB+64GB / 6GB+128GB
	2) Android 10, Qualcomm 1.8 GHz Octa-core
	3GB+32GB / 4GB+64GB
Dimensions	159.5 x 65.7 x 16.8 mm
Weight	Only 219g
Display	4-inch (18:9), IPS LTPS 1080*540
Battery	4350 mAh Removable Main Battery
Optional	Main Battery, Charging Cradle, Insert for Cradle, 4-slots
Accessories	Charging Cradle Set, Screen Protector, Rugged Rubber Boot with Hand Strap / Belt Clip
Functions	Barcode Scanning / UHF RFID / NFC / Front and Rear Camera (some are optional)



C90 Handheld Computer

Operating System	Android 10
CPU	Cortex-A53 2.0 GHz Octa-core
Ram+Rom	2GB+16GB / 3GB+32GB / 3GB+64GB / 4GB+64GB
Diemensions	158.5 x 76.0 x 13.1 mm
Display	5.7-inch IPS LTPS Display
Battery	5000mAh Battery
	Continuous use: over 12 hours, Charging time: only 2.5 hours
WIFI	2.4G/5G dual-band WiFi, 4G Network
	Bluetooth 5.0, BLE
Optional Accessories	Charging Cradle, Holster, Lanyard
Functions	Barcode Scanning / NFC / Front and Rear Camera (some are optional)



C6000 Handheld Computer

Operating System	Android 10
CPU	Cortex-A53 2.0 GHz Octa-core
RAM+ROM	3GB+32GB / 2GB+16GB
Diemensions	157.6 x 73.7 x 29 mm
Display	4-inch Display (480 x 800)
Sealing	2m Drop Proof / IP65
Battery	4200mAh Removable Main Battery Continuous use: over 12 hours, Charging time: only 3-4 hours
Optional	Pistol, Battery, Charging Cradle,
Accessories	USB Cable, Wrist Strap, Holster, Rugged Rubber Boot
Functions	Barcode Scanning / NFC / Camera (some are optional)



C70 Handheld Computer

Operating System	Android 11
CPU	Cortex-A53 2.3 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB / 6GB+128GB
Diemensions	163.8 x 79.2 x 13.8 mm
Display	5.2-inch 1080p FHD Display
Sealing	1.8m Drop / IP65/67
Battery	4000mAh Battery Continuous use: over 12 hours, Charging time: only 2-3 hours
Optional	Charging Cradle, Screen Protector
Accessories	Rugged Boot with Handstrap, Holster, Rugged Rubber Boot
Functions	Barcode Scanning / NFC / Iris Scanning / Camera / Infrared Thermometer (some are optional)



C75 Handheld Computer with Printer

Operating System	Android 11
CPU	Cortex-A53 2.3 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB / 6GB+128GB
Diemensions	186.9 x 84.0 x 35.0-49.5 mm
Display	5.2-inch 1080p FHD Display
Battery	8000mAh Battery
Functions	Thermal Printing / Barcode Scanning / NFC / PSAM / Camera (some are optional)



UHF RFID Readers

Handheld Readers :

C72 / C61 / C66 / C60 / C71 / R6 / R2

Wearable Readers : R5 / MR20



C72 UHF RFID Reader

Operating System /	1) Android 11 Cortex-A53 2.3 GHz Octa-core
CPU /	RAM+ROM: 3GB+32GB / 4GB+64GB / 6GB+128GB
RAM+ROM	2) Android 8.1 Cortex-A53 2.5 GHz Octa-core 3GB+32GB / 4GB+64GB
Display	5.2-inch 1080p FHD Display
Battery	8000mAh Battery
UHF RFID	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000 Read Range: > 15 m (Open Outdoors, Impinj MR6 Tag)
Other Functions	Barcode Scanning / NFC / Camera (some are optional)



C61 UHF RFID Reader

Operating System /	1) Android 11, Qualcomm Snapdragon™ 662 2.0 GHz Octa-core 3GB+32GB / 4GB+64GB / 6GB+128GB
CPU /	2) Android 9, Qualcomm Snapdragon™ 450 1.8 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB
Keyboard	27 keys / 37 keys / 47 keys
Display	4-inch Display (480 x 800)
Battery	6700 mAh Removable Main Battery Optional Trigger Handle (Extended 5200mAh Battery) Built in 100mAh backup battery, supporting battery hot swap Support QC3.0 and RTC, Charging time: only 3 hours
UHF RFID	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000 Read Range: > 15 m (Open Outdoors, Impinj MR6 Tag)
Other Functions	Barcode Scanning / NFC / Camera (some are optional)



C66+R6

C66 UHF RFID Reader

Operating System / CPU / RAM+ROM	1) Android 11 Qualcomm Snapdragon™ 662 2.0 GHz Octa-core 3GB+32GB / 4GB+64GB
RAM+ROM	2) Android 9 Qualcomm Snapdragon™ 450 1.8 GHz Octa-core
Display	3GB+32GB / 4GB+64GB
Battery	5.5-inch IPS Display 4200mAh Removable Main Battery, 5200 mAh pistol battery
UHF RFID	Support QC3.0 and RTC, Charging time: only 2.5 hours CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000
Other Functions	Read Range: > 15 m (Open Outdoors, Impinj MR6 Tag) Barcode Scanning / NFC / Camera (some are optional)



C60 UHF RFID Reader

Operating System	Android 10
CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB
Display	4-inch (18:9), IPS LTPS 1080 x 540
Battery	4350 mAh Removable Main Battery, 5200 mAh pistol battery (UHF version optional)
UHF RFID	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000 Read Range: Up to 13 m (open outdoors, Impinj MR6 tag)
Other Functions	Barcode Scanning / UHF RFID / NFC / Front and Rear Camera (some are optional)



C66 Built-in UHF RFID Reader

Operating System	Android 11
CPU	Qualcomm Snapdragon™ 662 2.0 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB
Diemensions	160.0 x 76.0 x 17.0 mm
Display	5.5-inch IPS Display
Battery	5200mAh Removable Main Battery Support QC3.0 and RTC, Charging time: only 2.5 hours
UHF RFID	CM-5N module based on Impinj E510 Read Range: Up to 1.5 m
Other Functions	Barcode Scanning / NFC / Camera (some are optional)



C71 Built-in UHF RFID Reader

Operating System / CPU / RAM+ROM	1) Android 11 Cortex-A53 2.3 GHz Octa-core 3GB+32GB / 4GB+64GB 2) Android 8.1 Cortex-A53 2.5GHz Octa-core 3GB+32GB / 4GB+64GB
Display	5.2-inch 1080p FHD Display
Battery	5000mAh Battery
UHF RFID	Continuous use: over 12 hours, Charging time: only 3-4 hours CM-Q; CM-3N module based on Impinj E310 Read Range: Up to 4 m
Other Functions	(depend on tags and environment) Barcode Scanning / NFC / Camera (some are optional)



R5 Wearable BT RFID Reader

SDK	Support Android / iOS
Diemensions	108 x 78 x 18 mm
Sealing	IP65 / 1.2m Drop
Battery	2000 mAh Removable Battery
Communication	Bluetooth 4.0, BLE / USB Type-C
Optional	Main Battery, Charging Cradle, Charging Cradle for
Accessories	Battery, Wrist strap, Arm Strap, Magnetic Handle
UHF RFID	CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000 Read Range: > 9 m (depend on tags and environment)



MR20 Wearable BT RFID Reader

Diemensions	50 x 62 x 19 mm
Weight	64 g / 2.26 oz. (with glove: 90 g / 3.17 oz.)
Color	Yellow, Blue, Gray
Battery	1200mAh Removable Battery
Communication	Bluetooth 5.0 / USB Type-C
Optional Accessories	Glove, Wristband, Lanyard, Charing Cradle for Battery
UHF RFID	CM-3N module based on Impinj E310 CM-5N module based on Impinj E510 CM-Q Read Range: 80 cm (depend on tags and environment)



R6 UHF RFID Sled Reader

SDK	Support Android / iOS
Battery	5200mAh Battery
WIFI	Bluetooth 4.0, BLE
UHF RFID	CM710-1 module based on Impinj E710
	CM2000-1 module based on Impinj Indy R2000
	Read Range: > 13 m (Open Outdoors, Impinj MR6 Tag)
Other Functions	Barcode Scanning (optional)



R2 Bluetooth UHF RFID Reader

SDK	Support Android / iOS
Diemensions	282 x 117.5 x 32 mm
Display	1.77-inch Display, 128 x 160
Battery	5200mAh Battery
Communication	Bluetooth 4.0, BLE
UHF RFID	CM710-1 module based on Impinj E710
	CM2000-1 module based on Impinj R2000
	Storage: 50000 tags
	Read Range: > 15 m (Open Outdoors, Impinj MR6 Tag)
Other Functions	Barcode Scanning (optional)



Fixed UHF RFID Readers

UR4 / URA4 / URA8

Desktop UHF RFID Reader

R3



UR4 Fixed UHF RFID Reader (4-port)

Dimensions	102.8 x 102.8 x 28 mm
Interface	RS-232, RJ45, GPIO
Power	DC (12V)
UHF RFID	CM710-4 module based on Impinj E710 CM2000-4 module based on Impinj Indy R2000



URA4 Fixed Android RFID Reader (4-port)

Operating System	Android 9
CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	2GB+16GB / 3GB+32GB
Dimensions	214 x 148 x 30 mm
Interface	HDMI, RS-232, RJ45, USB 2.0 Type A, USB Type-C, USB Host, GPIO
WIFI	Support 4G / WiFi
Power	DC (12V) / POE / POE+
UHF RFID	CM710-4 module based on Impinj E710 CM2000-4 module based on Impinj Indy R2000



URAS Fixed Android RFID Reader (8-port)

Operating System	Android 9
CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	2GB+16GB / 3GB+32GB / 4GB+64GB
Diemensions	162 x 95 x 22 mm
Interface	HDMI, RS-232, RJ45, USB 2.0 Type A, USB Host, GPIO
WIFI	Support 4G / WiFi
POWER	DC (12V) / POE / POE+
UHF RFID	CM710-8 module based on Impinj E710 CM2000-8 module based on Impinj Indy R2000



R3 Desktop UHF Reader

SDK	Support Windows / Android / iOS
Diemensions	318 x 318 x 20 mm
Sealing	IP65
Communication	Bluetooth 4.0, BLE, USB Type-C
Power	USB Type-C
UHF RFID	Read Range: 0 – 50 cm

UHF RFID Modules

UHF RFID Modules

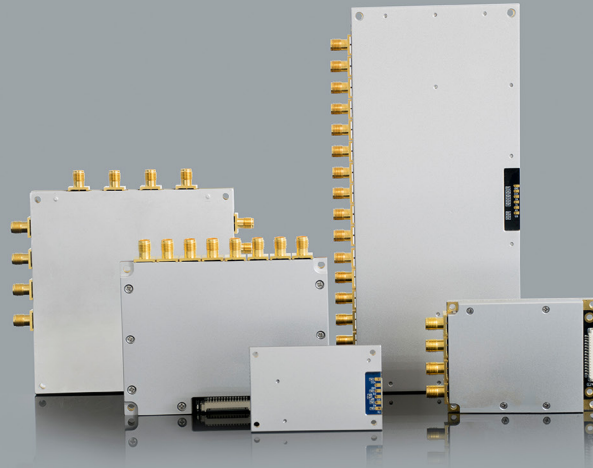
CM710 / 510 / 310 - 1

CM710 - 4 / 8 / 16

CM - 7N / 5N / 3N

CM710 / 510 / 310 - Nano

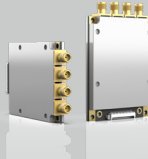
CM2000 - 1 / 4 / 8 / 16



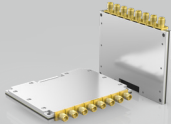
Single Port UHF RFID
Reader Module



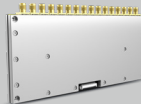
4-port UHF RFID
Reader Module



8-port UHF RFID
Reader Module



16-port UHF RFID
Reader Module



- Industry-leading Impinj Chip
- Excellent Reading Performance
- Strong Stability and Monitoring System
- Superior Heat Dispersion Capacity
- Low Power Consumption
- Outstanding Consistency
- Easy Application Development

P80 Rugged Tablet

Rugged Tablets



Operating System	Android 9
CPU	Qualcomm 2.0 GHz Octa-core
RAM+ROM	3GB+32GB / 4GB+64GB
Dimensions	250.8 x 152.0 x 15.0 mm
Display	8-inch 1920 x 1200 IPS / 1280 x 800 IPS Display
Battery	8000 mAh Battery
Optional	Pistol, Mounting Bracket, Wristband,
Accessories	Rugged Rubber Boot, Charging Cradle for Device, Insert for P80 Cradle Cup

Optional Functions

UHF RFID 1/2	CM710-1 module based on Impinj E710 CM510-1 module based on Impinj E510 CM2000-1 module based on Impinj Indy R2000 UHF 1: Up to 10 m ; UHF 2: Up to 15 m (open outdoors, Impinj MR6 tag)
UHF RFID 3	CM310-1 module based on Impinj E310 CM500-1 module based on Impinj Indy R500 Read Range: 30 cm
Biometric Identification	Fingerprint / Face
Other Functions	Barcode Scanning / NFC / HF RFID / InfraRed /PSAM / Camera (some are optional)



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