



# RT112 Windows

## 10.1 Inch Windows Rugged Tablet

5G & Wi-Fi 6E | Qualcomm® 6490 platform | Windows on Arm | 690g with 8800mAh battery



### Next-Level Windows on Arm with 5G IoT Power

Introducing the world's first industrial-grade Windows on ARM tablet, powered by the Qualcomm® 6490 5G IoT platform, the RT112 Windows combines a slim, rugged design with extended battery life and always-on 5G/Wi-Fi connectivity. This advanced architecture not only delivers the full Windows experience with optimized energy efficiency, but also ensures lightning-fast data transfer and ultra-responsive performance for demanding enterprise applications. With long-term lifecycle support and seamless IoT integration, the RT112 Windows provides professionals and businesses with a future-ready solution that remains reliable, efficient, and adaptable in an ever-evolving digital landscape.

### Seamless Connectivity via Advanced Wireless Communication

Featuring Bluetooth® 5.2, Wi-Fi 6E with fast roaming, and 5G connectivity, the RT112 Windows ensures real-time data collection and seamless backend system integration. Field workers can quickly scan items, check stock levels, or place online orders, all while maintaining a stable connection in demanding environments. Powered by the Windows 11 system, the RT112 Windows delivers a modern interface and reliable performance, enhancing productivity with faster uploads, downloads, and smoother operations on the most dependable networks for your business.

### Effortless and Secure Connectivity with eSIM

The RT112 Windows supports eSIM technology, delivering secure and convenient connectivity without the need for physical SIM cards. Embedded within the device, the eSIM reduces the risk of loss or damage while enhancing data security. Network switching is effortless via QR code or activation code over Wi-Fi, ensuring stable and reliable performance in retail, hospitality, healthcare, warehousing, and manufacturing environments.

### Durable Design

The RT112 Windows enhances the industrial durable protection with features including IP67 dustproof, waterproof, and 1.5 meters resistance to fall protection. That means it covers fully protected from dust and can survive in 1 meter of water for up to 30 mins. Certified to MIL-STD-810H, it withstands vibration, humidity, and harsh environmental conditions, ensuring reliable performance wherever work takes you. The light tablet with a slim 12mm edge is designed for workers to comfortably capture data and check inventory in high portability from day to night. For an easy touch and view, the 10.1" display supports glove and wet touch mode with 450 nits brightness.

With the capability to support glove thickness of up to 4mm, the RT112 Windows ensures effortless touchscreen navigation, accommodating a wide range of materials. Whether you prefer a 2mm cotton glove or a robust 3mm work glove, our technology seamlessly adapts, delivering unparalleled convenience while preserving the comfort of your gloved hands!

### Features

- Windows 11 IoT Enterprise LTSC operating system
- 10.1" (1920 x 1200) LCD display with Gorilla® Glass (450 nits)
- Wireless Communication: 5G & Wi-Fi 6E for faster, seamless connectivity
- 5G IOT Platform (Qualcomm® 6490): Support Long Life Cycle
- First ultra-thin Windows on Arm (WOA)
- Lightweight but durable: 690g with 12mm
- Rugged Design: IP67 rated, 1.5M drop and MIL-STD-810H certified
- Removable battery design with a capacity 8800mAh



## System Features

OS	Windows 11 Enterprise
CPU	Qualcomm® 6490 Octa-Core Processor, 64bits, 6x CPU, up to 2.7 GHz
Memory	8 GB RAM +128GB Flsh
AI	6th Gen Qualcomm® AI Engine
Others	Qualcomm® Trusted Execution Environment (TEE)

## Display

10.1" (1920 x 1200) LCD Display 450 nits  
Gorilla® Glass, Multi-Touch User Interface with Capacitive, stylus, glove (thickness ≤ 4 mm), wet-finger Compatibility

## Buttons / Keypad

6 Physical Buttons  
Power, Volume+/-, Scan Key x 2, Programmable Key x 1

## Indicator

LEDs, Vibrator

## I/O Interfaces

USB	USB3.1 Type-C x 1
POGO PIN	POGO pin
SIM Slot	eSIM x 1+ nano SIM x1 and Micro SD Card x 1
Audio	Dual-speakers MIC*2 (noise cancelling & Background noise depression)

## Power Source

Main Battery	8800mAh (removable)
--------------	---------------------

## Enclosure

Dimensions	260x165x12mm
Weight	690g

## Symbologies

1D	UPC/EAN/JAN, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5 (ITF), Discrete 2 of 5 (DTF), Codabar (NW - 7), MSI, Chinese 2 of 5, Matrix 2 of 5, Inverse 1D, GS1 DataBar, Composite Codes
2D	QR Code, Data Matrix, Aztec Code, PDF417, Macro PDF417, Micro PDF417, MaxiCode, Coda block A, Codablock F, GS1Composite, Han Xin Code
Postal	Australian Post, British Post, Canadian Pos, InfoMail, Intelligent Mail Bar Code, Japanese Post, KIX (Netherlands) Post, GS1 Composite, Korea Post, Planet Code, Postal, Postnet

## Communication

Camera	Rear: 13MP (with auto-focus and LED flash) Front: 5MP (with fixed focus)
Bluetooth®	Bluetooth® 5.2
WLAN	Wi-Fi 6E, 2.4GHz & 5GHz & 6GHz Support Dual-Band Simultaneous (DBS) IEEE 802.11a/b/g/n/ac/ax/d/e/h/i/k/r/v (2x2 MU-MIMO)
WWAN (Optional)	Support 2G/3G/4G/5G 5G FR1 Sub 6GHz: N1/N2/N3/N5/N28/N41/N48/N66/N71/N77/N78/N79 (4x4 MIMO) 4G LTE (FDD) – Bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 28, 66, 71 LTE (TDD) – Bands 38, 39, 40, 41, 48 3G UMTS/HSPA+ – Bands 1, 2, 5, 8 2G GSM/GPRS/EDGE (850/900/1800/1900 MHz) *Support Data, SMS and Voice capabilities *n48 & B48 for CBRS
GPS	GPS, BeiDou, Glonass, Galileo, QZSS, and SBAS (for WWAN model only)
Sensors	Gyroscope, Accelerometer (G-sensor), E-compass, Light & Proximity Sensor

## Environment

Operating temperature	-20°C ~ 55°C
Storage temperature	-40°C ~ 70°C
Drop test to Concrete	1.5m
Environmental Sealing	IP67
Relative Humidity	5% ~ 95% (Non-Condensing)
Vibration and Shock test	MIL-STD-810H, Method 516.8, Procedure IV

## What comes in the box

RT112  
Battery Pack  
USB-C Adaptor

## Accessories

Rotatable Hand Strap  
Shoulder Strap  
Screen Protector  
Office Cradle  
Vehicle Cradle  
Capacitive Stylus Pen (5.5mm) w/ Coil Strap



## Headquarters

Taipei, Taiwan  
<http://www.ute.com> e-mail: [info@hq.ute.com](mailto:info@hq.ute.com)

## unitech America

Los Angeles  
<http://us.ute.com> e-mail: [info@us.ute.com](mailto:info@us.ute.com)  
<http://can.ute.com> [info@can.ute.com](mailto:info@can.ute.com)

Mexico  
<http://latin.ute.com> e-mail: [info@latin.ute.com](mailto:info@latin.ute.com)

## unitech Asia Pacific & Middle East

Taipei  
<http://apac.ute.com> [info@apac.ute.com](mailto:info@apac.ute.com) / [info@india.ute.com](mailto:info@india.ute.com)  
<http://mideast.ute.com> [info@mideast.ute.com](mailto:info@mideast.ute.com)

## unitech Europe

Tilburg / Netherlands  
<http://eu.ute.com> e-mail: [info@eu.ute.com](mailto:info@eu.ute.com)

## unitech Japan

Tokyo  
<http://jp.ute.com> e-mail: [info@jp.ute.com](mailto:info@jp.ute.com)

## unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen  
<http://cn.ute.com> [info@cn.ute.com](mailto:info@cn.ute.com)  
Taipei <http://tw.ute.com> [info@tw.ute.com](mailto:info@tw.ute.com)





# EA530

## Rugged Smartphone

IP65 & IP68 + 1.5m Drop | Warm-Swappable 4250mAh Quick-Release Battery | Optional UHF RFID (up to 1.8m)

### Powered by Android 15 OS with GMS Certified

The EA530 is a 6-inch Android 15 rugged smartphone equipped with an advanced 2.2 GHz octa-core processor for smooth and efficient multitasking. Designed to handle demanding tasks with ease, it ensures stable performance in fast-paced business environments. With Google Mobile Service (GMS) certification, the EA530 provides secure, reliable connectivity for enhanced productivity across industries.

### Seamless Connectivity with Wireless Communication

Featuring reliable 4G LTE connectivity and enhanced by the latest Wi-Fi 6E technology, the EA530 delivers wide coverage and high-speed connections across 2.4GHz, 5GHz, and 6GHz bands. With fast roaming, Bluetooth® 5.2 for real-time data collection, and DBS (Dual-Band Simultaneous) technology supporting simultaneous transmissions on multiple bands, it ensures consistent and efficient network performance, keeping users seamlessly connected at all times.

### Optional RFID for Expanded Functionality

The EA530 offers optional RFID functionality that can be seamlessly integrated with the standard gun grip. Users can perform both convenient barcode scanning and RFID scanning in one device, with RFID reading distances of up to 1.8 meters, making it an ideal solution for efficient inventory tracking and asset management. The EA530 is also compatible with the RP300 long-range RFID mobile reader, enabling reading distances of up to 25 meters. This high-performance capability is ideal for real-world applications, helping retailers and warehouse operators efficiently manage high shelves, storage areas, and inventory workflows across retail, logistics, and field service environments.

### Premier Barcode Reading Performance

Featuring powerful 1D/2D scanning capability, it also supports DPM codes (10mil) and ensures read reliability for mobile phone screens and paper in any orientation. Powered by a removable 4250mAh quick-release battery, it integrates HF/NFC RFID reader/writer and UHF RFID (optional), along with GPS and a high-resolution 16MP camera in a compact device. The EA530 gives your workforce the technology it needs to take your business to the next level.

### Streamlined Workflow with eSIM Technology

The EA530's eSIM technology revolutionizes connectivity by removing the need for physical SIM cards, ensuring convenience across various industries. Embedded securely within the device, the eSIM eliminates the risk of loss or damage while enhancing security by preventing unauthorized removal. Network switching is effortless—simply connect to Wi-Fi, scan a QR code, or enter an activation code. Optimized for efficiency, the EA530 delivers seamless, reliable connectivity, perfectly suited to the dynamic demands of retail, logistics, and beyond.

### Features

- Android 15 OS with GMS Certification
- Wireless Communication: 4G & Wi-Fi 6E
- All-In-One functionality: 2D Imager, NFC, 8MP front camera, and 16MP rear camera
- Rugged Design: Corning® Gorilla® Glass touch display, IP65 & IP68 rated, and 1.5M drop (1.8M with boot case)
- Warm-swappable 4250mAh quick-release battery
- Optional UHF RFID powered by Impinj E310 (reading distance up to 1.8m)
- Support Gen2X (Coming Soon)
- Compatible with RP300 long-range RFID mobile reader for up to 25m reading distance
- Support unitech software solutions, SDKs, MoboLink, and MDM solutions





### Operation System

OS	Android 15 (upgradable to A17)
GMS certified	GMS certified
CPU	Octa-core 2.2GHz Processor
Memory	6 GB RAM / 64 GB Flash
Languages support	Multiple languages

### Display

Screen Size	6", HD (720x1440) color screen, backlight 500 nits
Touchpanel	Multi-Touch Capacitive Touch Panel, support stylus, glove, wet-finger Compatibility

### Keypad

6 keys- Programmable function button; dual dedicated scan buttons; volume up & down buttons; on/off button

### Indicator

LED, Speaker, Vibrator

### Camera

8MP front camera,  
16 MP Rear with auto-focus function and Flash Light

### RFID

UHF (Option)	Up to 1.8m 865~868MHz (EU), 902~928MHz (US)
HF	Frequency 13.56MHz, support NFC Compliance w/ ISO14443A/B, ISO15693, Mifare, Felica(ISO/IEC18092)

### Power Source

Main battery Warm Swappable 4250mAh Li-Polymer battery / battery with cover in one piece

### Enclosure

Dimensions ( H x W x D )	161 x 76.8 x 14.15 mm
Weight	242g ±1% (w/ battery)

### Symbologies

1D Barcodes	Support all major 1D barcodes
2D Barcodes	Support all major 2D barcodes

### Communication

Bluetooth®	Bluetooth® 5.2 , BLE
WLAN	Wi-Fi 6E, 2.4GHz & 5GHz & 6GHz IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/u/w/v/ax, Support DBS Security: WPA3, WPA2, WPA & WEP
WWAN	4G LTE (FDD): B1/2/3/4/5/7/8/12/17/19/20/28a&b/66 LTE (TDD): B38/39/40/41 3G WCDMA: B1(2100MHz), B2(1900MHz), B4(1700MHz), B5(850MHz), B8(900MHz) 2G GSM: B2(1900MHz),B3(1800MHz), B5(850MHz), B8(900MHz)
GPS	GPS/Beidou/Glonass/Galileo/A-GPS
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor

### I/O Interfaces

USB	USB 2.0 (type-C), support USB OTG
POGO PIN	PogoPin backside: Support Gun-grip PogoPin bottom: Charging via cradle
SIM Slot	1 eSIM, 1 Nano SIM
Expansion Slot	Micro SD x 1, up to 1TB
Audio	One speaker (95dB @ 10cm), One receiver, Dual noise-cancelling microphones, Smart PA

### Environmental

Operating temperature	-20°C to 50°C
Storage temperature	-30°C to 70°C, w/o battery
Charging temperature	0°C to 45°C
Relative Humidity	5% ~ 95% (Non-Condensing)
Drop Specification	1.5m , 1.8m with boot case
Sealing	IP65 & IP68
Vibration/ Tumble test	0.5m tumbles for 300 cycles / 600 drops

### Software

MDM Software	SOTI, VMware and MoboLink
--------------	---------------------------

### Regulatory Approvals

CE, FCC, NCC, VCCI, TELEC, CCC, SRRC, BQB, N-Mark, RoHS 2.0

### Accessories

Hand Strap with fixed arm	1-Slot USB / Ethernet cradle
Belt Holster	4-Slot Battery charging cradle
USB 2.0 type C cable	5-slot Terminal charging cradle
9H glass screen protector	Gun grip
	Stylus & Coiled strap



### Headquarters

Taipei, Taiwan  
http://www.ute.com e-mail: info@hq.ute.com

### unitech America

Los Angeles  
http://us.ute.com e-mail: info@us.ute.com  
http://can.ute.com info@can.ute.com  
Mexico  
http://latin.ute.com e-mail: info@latin.ute.com

### unitech Asia Pacific & Middle East

Taipei  
http://apac.ute.com info@apac.ute.com / info@india.ute.com  
http://mideast.ute.com info@mideast.ute.com

### unitech Europe

Tilburg / Netherlands  
http://eu.ute.com e-mail: info@eu.ute.com

### unitech Japan

Tokyo  
http://jp.ute.com e-mail: info@jp.ute.com

### unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen  
http://cn.ute.com info@cn.ute.com  
Taipei http://tw.ute.com info@tw.ute.com



### Development Tools



Unitech SDK



Scanner SDK



RFID SDK



EBrowser

Unitech offers a number of SDK toolkits for developers to write apps that can interact with the unitech devices for the mobile, scanner, and the RFID product lines.

### Device Management



### Staging and Management



MoboLink

Android Enterprise ready EMM for monitoring device health and managing apps, configs and files.



StageGO

Barcode-based device staging utility offering hundreds of script commands for you to work with.



OEMConfig

If you are using a third party EMM, OEMConfig will allow those EMM solutions to configure unitech specific settings on the device.



Enterprise Launcher

Secure your devices by kiosk them with Enterprise Launcher. Block access to the Android system and only allow limited number of apps to be run.



Battery info

Monitor advanced Battery health and manage the battery replacement cycle. Use with MoboLink to get real-time battery health alerts delivered to your phone.



Software Update

Check and install software updates online. To let a device always stay up-to-date, setup the device to automatically check and install for updates on boot up.



System Update Center

Check and install firmware updates via FOTA. You can update the firmware via online FOTA server, or by using a OTA ZIP file placed in the internal storage.



TagAccess

For versatile functions of RFID command via integrating with Unitech RFID Readers.



ScanBridge

A powerful scanner app for iOS, Android and Windows. Easy pairing, auto setup, advanced editing and validation tools streamline your scanning.

### Productivity and Utilities

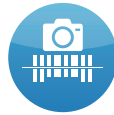


USS

Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.



USS Profiles



USS Camera

Capture barcode data using the device camera and send the data to your applications as keyboard inputs.



KeyRemap

Reprogram physical buttons to act as another key or to launch an app.



WLAN Advanced

Configure advanced WLAN settings such as power saving mode and roaming parameters.



NTP Server Settings

Customize the NTP server setting to keep your device date and time synchronized.



UNote

A simple text viewer and editor for use in your work flows.



Startup

Auto-run apps when device boots up.



Unitech Scanner Utility

An Android application which helps users connect, configure and use a supported Unitech Bluetooth scanner.



Logger

An easy and fast way to get logs from a device.



Enterprise Keyboard

Enterprise Keyboard gives various methods for user to input data to enhance efficiency and productivity.



# HT730 Plus

## 4" Rugged Handheld Terminal



5G & Wi-Fi 6E | 32M Reading Distance | Cold Chain Solution (Heater Version) (Option) | eSIM available

### Powered by Android 14 OS with GMS and AER Certified

The HT730 Plus is a rugged handheld terminal designed for one-handed operation. Running on Android 14 OS with GMS certification and Android Enterprise Recommended (AER), it ensures seamless compatibility with Google services and enterprise-grade applications. Powered by the Qualcomm® Snapdragon™ 4490 Octa-core processor, it delivers fast, reliable performance for demanding tasks, making it ideal for warehousing, logistics, and field service operations.

### Seamless Connectivity with eSIM Technology

The HT730 Plus features eSIM technology, offering secure, convenient connectivity without physical SIM cards. Embedded within the device, the eSIM prevents loss or damage and enhances security. Network switching is seamless using a QR code or activation code via Wi-Fi, ensuring reliable connectivity for the dynamic demands of logistics, warehousing, and field operations.

### Superior Performance with Extended Scanning Range

Specially designed for demanding workflows, the HT730 Plus features a powerful 32M scanning range, far surpassing standard devices. Supporting a wide range of barcode symbologies, including 1D, 2D, Dot Code, and OCR, it provides unmatched versatility for data collection tasks.

### Designed for Harsh Conditions

Designed to thrive in tough conditions, the HT730 Plus boasts a durable construction with drop resistance up to 1.8 meters (or 2.4 meters with bumper) and IP65/IP67-rated protection against water and dust. Ideal for outdoor logistics, manufacturing, and rugged fieldwork, it ensures reliable performance in challenging environments.

### Seamless Cold Chain Management Down to -30°C

Available as an optional feature, the HT730 Plus Cold Chain Solution is engineered for temperature-sensitive environments, supporting reliable performance in extreme cold conditions as low as -30°C. Its integrated heater module prevents condensation, ensuring consistent operation in freezing environments like cold storage warehouses, food distribution centers, and pharmaceutical logistics. This optional solution ensures the HT730 Plus maintains high efficiency and reliability where other devices might fail.

### Enhanced Green Laser for Precise Aiming

The HT730 Plus features an advanced green laser aiming system, offering superior visibility and accuracy for barcode scanning. This enhanced laser ensures precise targeting, even in challenging lighting conditions, making it ideal for fast-paced environments like warehouses and logistics centers. With improved aiming clarity, workers can complete scanning tasks more efficiently and with fewer errors.

### Features

- Android 14 OS with GMS and AER certified
- eSIM support for flexible and convenient connectivity
- Superior performance with the scanning distance up to 32M away
- Support -30°C cold resistance with the cold chain solution (option)
- Feature clear green laser aiming for precise barcode scanning
- Feature Bluetooth® 5.2, 5G & Wi-Fi 6E connectivity
- 1.8M drop-resistant housing (2.4M with bumper)
- IP65/IP67-rated protection against water and dust
- Durable keypad options with 38, 29, or 47 keys to meet versatile needs
- Supports 30-degree scanning tilt-down for ergonomic operation



### Operation System

OS	Android 14 (upgrade to Android 16) GMS & AER
CPU	Qualcomm Snapdragon™ 4490 Processor, 64bits, Octa Cores up to 2.4GHz
Memory	6GB RAM + 128GB UFS Flash
Languages support	Multi-languages

### Display

Screen Size	4" TFT-LCD WVGA (480x800) color screen (400 nits)
Touchpanel	Ultra-sensitive capacitive touch screen, compatible with gloves (thickness ≤ 4 mm) and support wet resistance, stylus (3 mm)

### Keypad

Numeric (29 key)/ Function Numeric (38 key) with backlight / 47 Keys  
Left/Right Trigger Key, three touch key on touch panel(back/home/recent)

### Camera

Rear camera: 16 MP with auto-focus and LED flash, support ARcore

### Symbologies

All major 1D and 2D codes

### Indicator

LED, Vibrator

### Enclosure

Dimensions	195 mm x 72 mm x 34 mm
Weight	395g (with battery)

### RFID

HF	Frequency 13.56Mhz ISO14443A/B, ISO15693 standard, NFC, MIFARE, Felica
----	--

### Power Source

Main battery	Main battery 3.6V 6700mAh
Hot Swap Battery	Keeps applications active up to 1 minute

### Communication

Bluetooth®	Bluetooth® 5.2
WLAN	WLAN 6E, 2.4GHz & 5GHz & 6GHz IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/ac/ax (MIMO 2X2), Support DBS & Fast roaming Security WPA3, WPA2, WPA & WEP
WWAN	5G NR Sub 6GHz: n1/n2/n3/n5/n7/n8/n12/n20/n28/n34/n38/ n40/n41/n48/n66/n77/n78/n79 4G LTE (FDD): B1/B2/B3/B4/B5/B7/B8/B12/ B13/B14/B17/B19/B20/B28/B34/B39/B48/B66 LTE (TDD): B38/B39/B40/B41 3G: B1/B2/B4/B5/B8 2G: 850/900/1800/1900 MHz *Support Dual SIM Slot (Micro SIMx1 + eSIMx1) *Voice Quality Measurement: refer to Perceptual Evaluation of Speech Quality (PESQ)
GPS	GPS, GLONASS, Galileo, BeiDou (L1+L5)
Sensors	Gyroscope, G-sensor, E-compass, Light & Proximity Sensor, 3-axis accelerometer

### I/O Interfaces

USB	USB Type C Connector for PC POGO PIN OTG connector for Cradle
SIM Slot	Dual SIM (Micro SIMx1 + eSIMx1)
Expansion Slot	Micro SD/TF x 1 (Support SD, SDHC and SDXC), up to 256GB
Audio	Speaker: 2W output, One speaker with Smart PA (105 dB at 10cm) MIC: Dual-Microphone, support noise cancellation

### Durability

Drop Specification	1.8 m / 2.4 m(with Bumper)
Sealing	IP65 / IP67

### Environmental

Operating Temperature	-20°C to +50°C -30°C to +50°C (Optional for Cold Storage)
Storage Temperature	-30°C to +70°C (without battery)
Charging Temperature	0°C to 45°C
Relative Humidity	5% ~ 95% (non-condensing)

### Software

Unitech MoboLink DMS and utilities

### Regulatory Approvals

CE, FCC, NCC, IC, VCCI, TELEC, CCC, SRRC, RoHS, CEC, BQB, GMS, N-Mark



#### Headquarters

Taipei, Taiwan  
<http://www.ute.com> e-mail: [info@hq.ute.com](mailto:info@hq.ute.com)

#### unitech America

Los Angeles  
<http://us.ute.com> e-mail: [info@us.ute.com](mailto:info@us.ute.com)  
<http://can.ute.com> [info@can.ute.com](mailto:info@can.ute.com)  
Mexico  
<http://latin.ute.com> e-mail: [info@latin.ute.com](mailto:info@latin.ute.com)

#### unitech Asia Pacific & Middle East

Taipei  
<http://apac.ute.com> [info@apac.ute.com](mailto:info@apac.ute.com) / [info@india.ute.com](mailto:info@india.ute.com)  
<http://mideast.ute.com> [info@mideast.ute.com](mailto:info@mideast.ute.com)

#### unitech Europe

Tilburg / Netherlands  
<http://eu.ute.com> e-mail: [info@eu.ute.com](mailto:info@eu.ute.com)

#### unitech Japan

Tokyo  
<http://jp.ute.com> e-mail: [info@jp.ute.com](mailto:info@jp.ute.com)

#### unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen  
<http://cn.ute.com> [info@cn.ute.com](mailto:info@cn.ute.com)  
Taipei <http://tw.ute.com> [info@tw.ute.com](mailto:info@tw.ute.com)



## Development Tools



Unitech SDK



Scanner SDK



RFID SDK



EBrowser

Unitech offers a number of SDK toolkits for developers to write apps that can interact with the unitech devices for the mobile, scanner, and the RFID product lines.

## Device Management



## Staging and Management



MoboLink

Android Enterprise ready EMM for monitoring device health and managing apps, configs and files.



StageGO

Barcode-based device staging utility offering hundreds of script commands for you to work with.



OEMConfig

If you are using a third party EMM, OEMConfig will allow those EMM solutions to configure unitech specific settings on the device.



Enterprise Launcher

Secure your devices by kiosking them with Enterprise Launcher. Block access to the Android system and only allow limited number of apps to be run.



Battery info

Monitor advanced Battery health and manage the battery replacement cycle. Use with MoboLink to get real-time battery health alerts delivered to your phone.



Software Update

Check and install software updates online. To let a device always stay up-to-date, setup the device to automatically check and install for updates on boot up.



System Update Center

Check and install firmware updates via FOTA. You can update the firmware via online FOTA server, or by using a OTA ZIP file placed in the internal storage.



TagAccess

For versatile functions of RFID command via integrating with Unitech RFID Readers.



ScanBridge

A powerful scanner app for iOS, Android and Windows. Easy pairing, auto setup, advanced editing and validation tools streamline your scanning.

## Productivity and Utilities

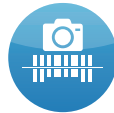


USS

Configure all scanner settings with friendly user interface and enable the service to make scanning data as keypad input.



USS Profiles



USS Camera

Capture barcode data using the device camera and send the data to your applications as keyboard inputs.



KeyRemap

Reprogram physical buttons to act as another key or to launch an app.



WLAN Advanced

Configure advanced WLAN settings such as power saving mode and roaming parameters.



NTP Server Settings

Customize the NTP server setting to keep your device date and time synchronized.



UNote

A simple text viewer and editor for use in your work flows.



Startup

Auto-run apps when device boots up.



Unitech Scanner Utility

An Android application which helps users connect, configure and use a supported Unitech Bluetooth scanner.



Logger

An easy and fast way to get logs from a device.



Enterprise Keyboard

Enterprise Keyboard gives various methods for user to input data to enhance efficiency and productivity.



# RP300

## UHF RFID Mobile Reader



Powered by Impinj E710 with Gen2X Support | Up to 25m Read Range | 7000mAh Quick-Release Battery

### Smart RFID/UHF Performance Tailored for EA660 and Beyond

The RP300 features a custom holder designed specifically for the EA660. Simply slide the EA660 into the holder and close it—your device is now ready for both barcode and RFID/UHF scanning. It offers flexibility, portability, and an efficient data collection experience, helping streamline your workflows.

\*Support for EA530 and iOS devices (iPhone/iPad) coming soon.

### Cross-Platform Connectivity for Maximum Flexibility

The RP300 offers broad compatibility with Windows, Android, and iOS systems, giving users the flexibility to operate across multiple platforms. It supports a variety of connection scenarios to fit different workflows—whether used as a standalone device or paired with dedicated holders. When used on its own, the RP300 connects wirelessly via Bluetooth or NFC. When docked with compatible holders—such as the EA660 (available now) and the EA530 (coming soon)—it supports secure wired connectivity through a USB-C interface. Support for iOS device holders is also coming soon, further enhancing cross-platform versatility.

### Dual-Mode Scanning: Barcode & RFID in One Device

The RP300 combines both RFID and barcode scanning capabilities in a single device, giving users unmatched flexibility across various applications. Equipped with dedicated triggers for barcode and RFID operations, users can effortlessly switch between modes based on task requirements—no device swapping needed. This dual-mode functionality makes the RP300 ideal for fast-paced environments such as retail inventory checks, warehouse management, and asset tracking, where both barcode labels and RFID tags are used interchangeably.

### Boost UHF RFID Read Performance—Up to 25 Meters

Powered by the Impinj E710 RFID chip, the RP300 supports major RFID tag protocols, including EPC Class 1 Gen2 V2 and Gen2X standards. With a maximum output power of 33 dBm, it delivers exceptional long-range performance—capable of reading over 1,000 tags per second and achieving read ranges of up to 25 meters, depending on the test environment. This high-performance capability is ideal for real-world applications, helping retailers and warehouse operators efficiently manage high shelves, storage areas, and inventory workflows across retail, logistics, and field service environments.

### Quick-Release Battery Design for All-Day Operation

Designed for nonstop productivity, the RP300 features a quick-release battery design that allows fast and effortless battery swaps—minimizing downtime during long work shifts. Powered by a high-capacity 7000mAh battery, it ensures stable performance throughout the day, even in high-demand environments.

Whether used in retail, hospitality, or outdoor logistics, the RP300 helps users stay powered and efficient without interruption—anytime, anywhere.

### Support Gen2X

Impinj Gen2X is an advanced RAIN RFID solutions toolbox designed to elevate performance and reduce total solution costs. Key advantages include significantly faster inventory counts and improved read accuracy and range—particularly for small, embedded, or hard-to-read tags. These improvements help reduce labor costs and enable new use cases such as food tagging. Gen2X also introduces enhanced security features, including protection against tag and item counterfeiting and privacy safeguards at the point of sale.

The RP300 supports Impinj Gen2X, delivering enhanced RFID performance that improves the user experience and boosts operational efficiency across various applications.

### Features

- Powered by Impinj E710, Gen2X support
- Long-range RFID reading up to 25 meters
- 7000mAh quick-release rechargeable battery
- Connect via Bluetooth, USB-C, pogo pin, or tap-to-pair with NFC.
- Compatible with Android and iOS Host
- MFi-certified for seamless Apple device integration
- Optional 2D barcode scanning (SE4107)
- IP65 dustproof, waterproof and 1.5 meters resistant to fall protection
- Shares the same SDK and TagAccess with other Unitech RFID readers



# RP300

## UHF Handheld Reader



### RFID Performance

RF Chip	Impinj E710
Max. Output Power	5 ~ 33dBm (Adjustable)
Max. Read Range	25m
Max. Read Rate	Over 1,000 tags per second

### Symbologies

2D Engine	Zebra SE4107 (option)
-----------	-----------------------

### RFID

UHF	EPCglobal Class1 Gen2 V2; Gen2X 865MHz ~ 928MHz (US/EU/JP/TW/CN)
-----	---

### Communication

Host Connection	USB-C
	Bluetooth 5.3 (SPP/HID/iAP2)
	Pogo Pin
	NFC quick pairing
	Customized holder (for unitech EA660 & EA530; for iOS devices)
	OtterBox uniVERSE Case System

### Regulatory Approvals

MFi
FCC, CE, TELEC, NCC

### Enclosure

Dimension	172.02 x 81.00 x 156.36 mm
Weight	564g (with 2D engine)

### Durability

Drop Specification	1.5M
Sealing	IP65

### Indicator

4 LEDs: Status LED \* 2 / Power LED \* 1 / Communication LED \* 1  
Buzzer

### Power Source

Main battery	7,000mAh, Quick-Release
Charging	Able to charge host device simultaneously (EA530 & EA660)
Push Button	1 Multi-Function Trigger 1 communication (BT / USB)

### Environmental

Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Charging Temperature	10°C to 45°C
Humidity	5% to 95% RH (non-condensing)
Electrostatic Discharge	+/-15kV air discharge +/-8kV contact discharge

### Software

TagAccess
RFID SDK



#### Headquarters

Taipei, Taiwan  
<http://www.ute.com> e-mail: [info@hq.ute.com](mailto:info@hq.ute.com)

#### unitech America

Los Angeles  
<http://us.ute.com> e-mail: [info@us.ute.com](mailto:info@us.ute.com)  
<http://can.ute.com> [info@can.ute.com](mailto:info@can.ute.com)  
 Mexico  
<http://latin.ute.com> e-mail: [info@latin.ute.com](mailto:info@latin.ute.com)

#### unitech Asia Pacific & Middle East

Taipei  
<http://apac.ute.com> [info@apac.ute.com](mailto:info@apac.ute.com) / [info@india.ute.com](mailto:info@india.ute.com)  
<http://mideast.ute.com> [info@mideast.ute.com](mailto:info@mideast.ute.com)

#### unitech Europe

Tilburg / Netherlands  
<http://eu.ute.com> e-mail: [info@eu.ute.com](mailto:info@eu.ute.com)

#### unitech Japan

Tokyo  
<http://jp.ute.com> e-mail: [info@jp.ute.com](mailto:info@jp.ute.com)

#### unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen  
<http://cn.ute.com> [info@cn.ute.com](mailto:info@cn.ute.com)  
 Taipei <http://tw.ute.com> [info@tw.ute.com](mailto:info@tw.ute.com)

