



# RT112

## 10.1 Inch Android Rugged Tablet

5G & Wi-Fi 6E | Longevity QCM5430 Processor | IP67 & 1.5M Drop



### Powered by Android 13 OS with GMS & AER Certified

The RT112 is a 10.1-inch Android 13 rugged tablet equipped with an advanced 64-bit Hexa Cores CPU capable of reaching speeds up to 2.1 GHz. It effortlessly handles demanding tasks while ensuring smooth multitasking. With the distinction of Google Certification, encompassing Google Mobile Service (GMS) and Android Enterprise Recommended (AER) endorsement, the dual certification assures a secure and efficient business environment.

### Seamless and Connectivity via Wireless Communication

Featuring Bluetooth® 5.2, wireless Wi-Fi 6E with fast roaming and 5G connectivity for real-time data collection, user can scan the item and instantly connect to the backend system to find out the quantity in stock or make an online order for customers. The RT112 delivers a seamlessly work experience and improves productivity for various applications, making it faster downloads and uploads at user's fingertips on the most reliable networks for your business.

### 5G IOT Platform

Equipped with the Qualcomm 5430 5G IoT Platform, the RT112 offers seamless integration into the future of technology. Its robust 5G capabilities ensure lightning-fast data transfer and a responsive online experience, all while being optimized for the demands of the Internet of Things. With a focus on longevity, the RT112 boasts an extended life cycle, making it an ideal investment for those seeking a device that will remain relevant and efficient for years to come.

### Durable Design

The RT112 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. The MIL-STD-810H standard assures an overall environmental vibration and humidity. 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.

### Features

- Android 13 with GMS & AER Certified
- 10.1" (1920 x 1200) LCD display with Gorilla® Glass (450 nits)
- Lightweight but durable: 690g with 12mm
- Rugged Design: IP67 rated, 1.5M drop and MIL-STD-810H certified
- Wireless Communication: 5G & Wi-Fi 6E
- 5G IOT Platform (Qualcomm 5430): Support Long Life Cycle

### System Features

OS	Android 13.0 with AER certified
GMS certified	GMS certified
CPU	Qualcomm Snapdragon™ 5430 Processor, 64bits, Hexa Cores up to 2.1 GHz (Option: Octa Cores)
Memory	6GB RAM + 128GB Flash (Option: 8GB RAM + 128GB Flash)
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, wet-finger Compatibility

### Buttons / Keypad

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

### Indicator

LEDs, Vibrator

### RFID

Support HF/NFC  
ISO14443-4 (Type A, Type B), ISO15693, Mifare, Felica(ISO/IEC18092)

### I/O Interfaces

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

### Power Source

Main Battery 8800mAh (removable)

### Software

Support MDM Software Solutions and utilities such as Airwatch, SOTI, Ivanti Wavelink, and MoboLink

### Regulatory Approvals

CE, UKCA, FCC, IC, NCC, BSMI, VCCI, TELEC, CCC, SRRC, BQB, RoHS, REACH

### Symbologies

1D	Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32 (PARAF), EAN-UCC Emulation, GS1 Data Bar
2D	Codablock A, Codablock F, PDF417, MicroPDF417, Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code
Postal	Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

### Communication

Camera	Rear:13M (with auto-focus and LED flash, Support Google Arcore & Depth API) Front:5M (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/d/h/i/k/r/v/ac/ax (2x2 MU-MIMO)
WWAN (Optional)	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 3G UMTS/HSPA+ – Bands 1, 2, 5, 8 2G GSM/GPRS/EDGE (850/900/1800/1900 MHz) Support 2G/3G/4G/5G
GPS	GPS, BeiDou, Glonass, Galileo, QZSS, NavIC and SBAS (for WWAN model only)
Sensors	Gyroscope, Accelerometer (G-sensor), E-compass, Light & Proximity Sensor

### Enclosure

Dimensions	260x165x12mm
Weight	690g

### Environment

Operating temperature	-20°C ~ 55°C
Storage temperature	-40°C ~ 70°C
Drop test to Concrete	1.5m
Environmental Sealing	IP67
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



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