

# RT405 Specification Sheet



## System Configuration

Processor	<b>Octa-core 2.0GHz high-performance processor</b>
O.S	Android 12.0
Memory	32GB ROM+3GB RAM
Ex-Storage	Micro SD (Up to 128GB)
Display	4.0inch IPS 480x800 High Resolution
Camera	Front:AF 5.0M Pixels autofocus with LED flash light Back:AF 13.0M Pixels autofocus with LED
Touch Panel	Industrial-grade capacitive touch panel
Keypad	Front keys*19, left and right scan keys*2
Notification	Vibrator/LED/Speaker
Battery	4.35v 3500mAh rechargeable lithium polymer battery
Audio	Built-in microphone/Speaker
Sensor	G-sensor
Interface	Type-C interface, support PE 5.0V and 9.0V fast charging

## Structural Parameters

Dimensions(L xW xD)	160mm×75mm×15mm
Weight	250g(battery included)

## Communication Transmission

Mobile Network	3G: WCDMA:850/900/1900/2100MHz CDMA/EVDO 800MHz GSM: 850/900/1800/1900MHz 4G: LTE-FDD:B1/B3/B7/B8/B28 LTE-TDD:B38/B39/B40/B41
Wi-Fi	Wi-Fi 802.11a/b/g/n/r/ac (2.4G+5G dual-band Wi-Fi)
Bluetooth	Bluetooth 5.0, supports BLE
GPS	GPS/AGPS/Beidou/Galileo/GLONASS/QZSS

## NFC/HF RFID

Protocol	ISO14443A/14443B/15693
Frequency	13.56MHz
NFC type	NXP557

## Operating Environment

Develop Tools	Android SDK + JDK + Eclipse
P-Language	Java
Operating Temp.	-10°~ 50°C
Storage Temp.	-20°~ 70°C
Humidity	0 ~ 95% (non-condensing)
Sealing	IP67

## 1D Laser Scanner

Speed	100 lines/sec
Scan Angle	±50°
Identification accuracy	≥4mil
Decoding Type	UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN/ISSN, Code 39, code39 (ASCII full), Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Codebar(NW7), Code 128, UCC/EAN 128, ISBT128, code 93, MSI/Plessey, UK/Plessey, China post, GS1 Data Bar

## 2D Image Scanner

Method	CMOS Image
Scan Speed	60scans/sec
Scan Angle	360° angle, Elevation angle ± 55°, Eeflection angle ± 55°
Identification accuracy	2D≥7.5mil, 1D≥5mil
Decoding Type	QR Code, Data Matrix, PDF417, UPC-A, UPC-E, EAN-8, EAN-13, ISBN, Code 128, GS1 128, ISBT 128, Code 39, Code93, Code 11, Interleaved 2 of 5, Industrial 2 of 5, Matrix 25, Standard 25, Coda bar, MSI/MSI PLESSEY, GS1 Data Bar
DPM	Support DPM scanner (optional)

## UHF RFID(Optional)

Frequency	902Mhz-928Mhz, 865MHz-868MHz(optional)
Protocol	EPC global UHF Class 1 Gen 2/ISO 18000-6C
Capture Range	1-2m
Output Power	18-26dBm

## Accessories

