



Features

- Adopting MediaTek MT8768 & Android 13
- Embedded 1D/2D barcode reader and physical trigger button
- Ruggedized design with IP67 rating
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- GPS navigation with barometer integrated
- Lightweight design for everyday use, 243g
- Gloved touch support for warehousing, inventory, medical applications



Specifications

System	
CPU	8*Cortex-4*A53 2.0GHz/4*A53 1.5GHz
OS	Android 13
Dimension (mm)	157.9(H) x 77.45(W) x 21.95(D)
Weight(g)	243g
ROM (eMMC)	32GB/64GB(Optional)
RAM	3GB/4GB(Optional)
SD card Capability	Up to 128GB
Barcode Scanner	Zebra SE4710

WWAN		
2G Network	BC0	BC0
	GSM	GSM Quadband (850/900/1800/1900)
	GPRS/EDGE Multislot Class	Class 33
3G Data Speed	W-CDMA (UMTS-FDD, UTRA-FDD)	B1/B2/B4/B5/B8
	CDMA2000 1xEV-DO Release 0 (TIA/IS-856)	EVDO BC0
4G Network	E-UTRA Bands Supported	US :UMTS/HSPA+ Primary Bands 2/5.LTE Bands :1/2/ 3/4/5/7/8/12/17/19/20/ 28A/28B/38/39/40/41 EU:UMTS / HSPA+ Primary Bands 1/8.LTE Bands 1/2/ 3/4/5/7/8/12/17/19/20/ 28A/28B/38/39/40/41 MAX SUPPORT cat6
SIM / T Card Type	1 x Nano+T Card / 2 x Nano	

Input Scheme	
Dual Dedicated Scan Buttons	Yes
Dedicated PTT Button	No
Volume Up/Down Buttons	Yes
Power Key	Yes

Display	
Vision Size	5.0" inch
Resolution	HD 1280x720
Technology	TFT
Touch Technology	Capacity
Multi-Touch Capability	5 Points (with Glove Support)
TP	Corning Gorilla
Brightness(cd/m2)	380cd/m(MIN), 420cd/m(TYP)

Camera	
Camera	Front:5.0 Mpxl (FF) Rear: 13 Mpxl (AF)
Camera Flash	LED

Sensors	
GPS	Yes
Glonsass	Yes
Beidou	Yes
Proximity Sensor	Yes
Light Sensor	Yes
E-Compass	Yes
G-Sensor(Accelerate Sensor)	Yes
Gyroscope	Yes
Fingerprint	Yes

Battery	
Battery Capacity	4000mAh
Charge Time	< 4 Hours
Operation Time	8 Hours at 1 scan/5sec
Quick Charge	Pump Exp 9V/2A(18w)

Connectivity	
Wi-Fi	802.11 a/b/g/n/ac/r 2.4G+5G
Bluetooth	BT5.0
USB Capability	USB 2.0 (Hi-Speed)
USB Data Connector	Type-C
Dock Pin / Dock Capability	Yes
NFC	ISO 14443 Type A and B, FeliCa, MIFARE and ISO 15693 Cards

Others	
ESD	±15kV Air Discharge, ±8kV Direct Discharge
Drop	Multiple Drops to Concrete: 1.8m Across the Operating Temperature Range
Sealing level rate	IP67
Storage temperature	-40°C ~ 70°C
Operating temperature	-15°C ~ 55°C
Humidity	Storage : 60°C ±2°C, RH95% in 60hrs Operation : 40°C ±2°C, RH95% in 48hrs

Certification of Explosion Protection	
Explosion Type	Ex ic IIC T5 Gc X, Ex ib IIB T4 Gb



Dimensions



- ① Barcode Scanner ⑥ Barcode Trigger Key (L) ⑪ Rear Camera
- ② Front Camera ⑦ Volume Key ⑫ Flash
- ③ Light sensor ⑧ Power Key ⑬ Fingerprint
- ④ SIM Card Slot ⑨ Barcode Trigger Key (R) ⑭ NFC
- ⑤ Function Key ⑩ Pogo Pin ⑮ USB Type C port

Ordering Information

Part No.	Description
7400470010701M	G47, 5" PDA, Android 13, GMS Std., LTE 4G, Barcode, EU adapter
7400470010711M	G47, 5" PDA, Android 13, GMS Std., LTE 4G, Barcode, US adapter
7400470010721M	G47, 5" PDA, Android 13, GMS Std., LTE 4G, non Barcode, EU adapter
7400470010731M	G47, 5" PDA, Android 13, GMS Std., LTE 4G, non Barcode, US adapter

Accessories

Part No.	Description
7404700013111M	SINGLE CHARGER with Package
7404700001331M	Charging Cradle with Ethernet Port US Package
7404700001401M	Pistol Grip



All specifications are subject to change without notice. Last update: DEC.22.2025

