

G47

Mobile Computing Device



Features

- Adopting MediaTek MT8768 & Android 11
- 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



System

CPU	8*Cortex-4*A53 2.0GHz/4*A53 1.5GHz
OS	Android 11
Dimension (mm)	157.9(H) x 77.45(W) x 21.95(D)
Weight(g)	243g
ROM (eMMC)	32GB
RAM	3GB
SD card Capability	Up to 128GB
Barcode Scanner	Honeywell N3603 / 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
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Input Scheme

Dual Dedicated Scan Buttons	Yes
Dedicated PTT Button	Yes
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
Glonass	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 Hour
Talking Time	8 Hour
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: 1.5m 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
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All specifications are subject to change without notice.

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Dimensions



Ordering Information

Part No.	Description
7400470002151M	G47 Mobile Computing Device with Zebra SE4710 barcode engine (EU adapter included)
7400470002141M	G47 Mobile Computing Device with Zebra SE4710 barcode engine (US adapter included)
7400470002181M	G47 Mobile Computing Device without barcode (EU adapter included)
7400470001081M	G47 Mobile Computing Device with Honeywell N6603 barcode engine (EU adapter included)
7400470001091M	G47 Mobile Computing Device with Honeywell N6603 barcode engine (US adapter included)

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