

Rugged Tablet PC

ST907V3.0 adopts Qualcomm MSM8953 Octa core 2GHz CPU and Android 7.1 operation system;4G RAM,64G ROM,4G LTE.

1980*1200 or 1280*800 LCD screen is readable under sunlight; Optional functions like barcode scanning, RFID reader, fingerprint identification

It has 7200mAH battery; IP67 high reliable three-proof structure water/dust proof; drop resistance from 1.2m.

**FEATURES****◆ Advanced system**

Android 7.1 operating system; CPU MSM8953, 8 core, 2GHz CPU; RAM 4GB ROM 64GB, Micro SD 128G

◆ Visible under strong light

8 inch LCD screen, 1920x1200 IPS capacitive touch screen or 1280*800

◆ Powerful function

Multi function(1D/2D bar code scanning, LF/HF/UHF RFID reader, fingerprint identification)

◆ Multi communication modes

3G/4G, WIFI, Bluetooth and many wireless communication modes

◆ Support jacket extension

Satisfy custom applications from customers

◆ Certification

CCC/CE/ROSH/FCC/IP67/MIL-STD-810

SPECIFICATIONS

Standard function	
Operating System	Android 7.1
CPU	MSM8953, 8 core CPU, 2GHz
RAM	RAM: 4GB
	FLASH: 64GB
Extended Storage	Micro SD, Maximum 128G
USB port	5 pin MicroUSB; Support to connect U-disk/Mouse/Keyboard/OTG line
HDMI	HDMI port
OTG	Through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port/485 serial port/RJ45 Serial port
External port	Charge port, headphone port
Protection Grade	
Industrial Protection Grade	IP67
Drop Grade	Drop resistance from 1.2m
Wireless Communication	
Bluetooth	Support 4.0
GPS	GPS+BDS +GLONASS
	Qualcomm GPS 3m
WIFI	Support IEEE 802.11a/b/g/n/ac
2G/3G/4G LTE	GSM 850/900/1800/1900 B5/B8/B3/B2 WCDMA B1/B2/B4 2100/1900/1700 TD-SCDMA B34/B39 FDD-LTE: B1/B3/B5/B7/B8 2100/1800/850/2600/900 TDD-LTE : Band38:2570 MHz - 2620 MHz Band39: 1880 MHz - 1920 MHz B41:2555-2655MHz B40/:2300-2400MHz B38/B39/B41/B40/ B38/B39/B40/B41
Physical Parameters	
Display Screen	8 inch LCD screen, 800*1280 standard,1920x1200 IPS screen optional, capacitive touch screen
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	5 million pixels front camera, 13 million pixels rear camera with automatic focus and lighting function
Headset	3.5mm audio Interface, has MIC and Single loudspeaker
LED indicator light	Support (ordinary flicker, Call fast flicker, missed calls, charge indicator)
Flashlight Function	Support, can be used for emergency lighting
Googleplay store	Support
Gravity sensor	Support








Compass	Support
Gyroscopes	NOT Support
Acceleration sensors	Support
Light and distance sensor	Support
Vibrating motor	Support
FM	Support
Rechargeable Lithium Battery	3.7V, 7200mAh
Dimension	232*158*22
Weight	810g
Environmental Characteristics	
Working Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +60°C
Humidity	5%-95% relative humidity; no condensation
Optional function	
Barcode Scanning	1D Laser Scanner Index(Internal): Honeywell N4313 or Zebra EM1350 Scanning speed: 104 times/second+12 times/second (two way scanning) Scanning distance: 2.5cm-114.3cm Scanning angle: 47±3°(default) /35±3°(reduced code)
	2D Barcode Scanner Index(Internal): Newlands EM3096 Honeywell N3680 Motorola SE4750 Identification ability: 1D, 2D, OCR Scanning angle: rotate 360°, incline±50°, deflection ±50° Field of View: Horizontal 36°, vertical 23° Depth of field: 4cm-23.5cm Environmental luminance: 0~100,000 LUX
RFID	HF RFID(Internal): Support NFC/NXP,13.56MHZ ISO14443A,B and ISO15693 protocol, reading distance 0-3cm,Tag support type:SR176,SRIX4K (TYPE-B),I-Code2,TI RFID Tag-it HF-I,EM4034,Mifare Classic ETC
	LF RFID:
	UHF RFID
	134.2KHZ LF RFID, support ISO11784/5 protocol, support to read IC card(FDX/HDX)
	125KHZ LF RFID, support to read ID card
	Internal Ray links RLM060 or ThingMagic M6E-NANO,EPC C1 GEN2/ISO 18000-6C,output power 10dBm-30dBm Reading distance: 1 m Ceramic antenna: 0.3db(25*25*4mm)

Far infrared meter reading	Working frequency 37.9K
Fingerprint read module	<p>Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc.</p> <p>Type: TCSIST</p> <p>Sensor type: capacitive</p> <p>Effective image size:12.8mm x 18.0mm</p> <p>Image size: 256*360</p> <p>Resolution:508 ppi (dpi)</p> <p>contrast mode(1:1); search mode(1:N)</p> <p>FIPS 201 compliant capability (TCS1)</p>

Order code

Functions	Order code	Description
standard		
Qualcomm MSM8953 Octa core, 2GHZ CPU,android 7.1,4G RAM,,64G ROM,13MP camera,8 inch LCD,Bluetooth,wifi	ST907V3.0	<p>GSM 850/900/1800/1900 B5/B8/B3/B2</p> <p>WCDMA B1/B2/B4 2100/1900/1700</p> <p>TD-SCDMA B34/B39</p> <p>FDD-LTE: B1/B3/B5/B7/B8</p> <p>2100/1800/850/2600/900</p> <p>TDD-LTE :</p> <p>Band38:2570 MHz - 2620 MHz</p> <p>Band39: 1880 MHz - 1920 MHz</p> <p>B41:2555-2655MHz</p> <p>B40/:2300-2400MHz</p> <p>B38/B39/B41/B40/ B38/B39/B40/B41</p>
Optional		
NFC RFID	H	13.56Mhz RFID
GPS	G	GPS+BDS+GLONASS
	B	GPS+BDS, Qualcomm solution
1D barcode	N	1D barcode scanner N4313 Honeywell
	Z	1D barcode scanner EM1350 Zebra
2Dbarcode	2	2D newland 3096 barcode scanner
	8	2D Honeywell 3680
	7	2D SE4750 symbol barcode scanner
LF RFID	4	LF134KHz(FDX) RFID 3cm
	5	LF 125KHz RFID
	L	LF134KHz(FDX) RFID 10cm
UHF RFID	Q	UHF RFID M6W-NANO
infrared meter reading	T	infrared meter reader(not available)

PACKAGING

NO.	Items	Picture
Standard Package	ST907V3.0 Rugged Tablet PC	
	Charger	
	USB Cable	
	User Manual	
	Handbelt	
Optional Package	Earphone (Optional)	
	OTG device USB-LAN RJ45(Optional)	
	Vehicle Charger(Optional)	
	Holder on the wall(Optional)	
	Straps and Touch pen(Optional)	
	Bag(Optional)	

Shandong Senter Electronic Co., Ltd.

Add: No.18, Liuyishan Road, New&Hi-tech Area, Zibo City, Shandong Province, China
255086

Tel: 86-533-3589257**Fax:** 86-533-3587522/3589257

Email: Joe@senter.com.cn

Skype: Senter Joe Zhou



Mob/Wechat:15966980535

Http: www.senter.com.cn

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