

## ST927 8 inch Rugged Tablet PC

ST927 industrial tablet PC adopts qcta core 2 GHz CPU and Android 7.1 operation system; LCD screen is readable under sunlight; can configure barcode scanning, RFID reader, fingerprint identification as well as other information acquisition module; has super long battery life; IP67 high reliable three-proof structure water/dust proof; drop resistance from 1.2m.



## FEATURES

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### ◆ **Advanced system**

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

### ◆ **Visible under strong light**

8 inch LCD screen, 800\*1280 IPS capacitive touch screen  
Optional: 1920\*1200 IPS capacitive touch screen

### ◆ **Powerful function**

Multi function information acquisition configuration (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**

### ◆ **Docking Station**

Make the tablet charging easier

## SPECIFICATIONS

Standard function	
Operating System	Android 7.1
CPU	MSM8953, 8 core CPU, 2 GHz
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
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+A-GPS+GLONASS: accuracy 10m
	High precise GPS: accuracy 3m
	Module: Hisense H1
WIFI	Support IEEE 802.11a/b/g/n/ac, 2.4G and 5G
2G/3G/4G	CDMA 1X/EV BC0 GSM 850/900/1800 WCDMA B1/B5/B8 TD-SCDMA B34/B39 LTE B1/B3/B5/B7 B38/B39/B40/B41N
Physical Parameters	
Display Screen	8 inch LCD screen, 800*1200 IPS screen, capacitive touch screen Optional: 1920*1200 IPS 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
Acceleration sensors	Support
Light and distance sensor	Support












Vibrating motor	Support
FM	Support
Rechargeable Lithium Battery	3.8V, 10 000mAh
Standby	Standby current less than 10mA
Dimension	232*158*22
Weight	810g
<b>Environmental Characteristics</b>	
Working Temperature	-10℃ ~ +50℃
Storage Temperature	-40℃ ~ +60℃
Humidity	5%-95% relative humidity; no condensation
<b>Optional function</b>	
Fingerprint identification	<p>Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc.</p> <p>Type: AuthenTec TCSIST semiconductor sensor</p> <p>Acquisition window size: 24.5*19mm</p> <p>Effective image size:15.5*18.5mm</p> <p>Sensor type: capacitive</p> <p>Image size: 256*360 pixel</p> <p>Resolution: 500 DPI</p> <p>Matching mode: contrast mode(1:1); search mode(1:N)</p>
Far infrared meter reading	Working frequency 37.9K
Barcode Scanning	<p><b>1D Laser Scanner Index(Internal):</b></p> <p>Honeywell N4313 or Zebra EM1350</p> <p>Scanning speed: 104 times/second+12 times/second (two way scanning)</p> <p>Scanning distance: 2.5cm-114.3cm</p> <p>Scanning angle: 47±3° (default) /35±3° (reduced code)</p>
	<p><b>2D Barcode Scanner Index(Internal):</b></p> <p>Newlands EM3096</p> <p>Honeywell N3680</p> <p>Motorola SE4710</p> <p>Motorola SE4750</p> <p>Honeywell N6603</p> <p>Identification ability: 1D, 2D, OCR</p> <p>Scanning angle: rotate 360°, incline±50°, deflection ±50°</p> <p>Field of View: Horizontal 36°, vertical 23°</p> <p>Depth of field: 4cm-23.5cm</p> <p>Environmental luminance: 0~100,000 LUX</p>
RFID	<p><b>HF RFID(Internal):</b></p> <p>Support NFC/NXP, 13.56MHZ ISO14443A,B and ISO15693 protocol, reading distance 0-3cm</p>
	<p><b>LF RFID:</b></p> <p>134.2KHZ LF RFID, support ISO11784/5 protocol, support to read IC card(FDX/HDX)</p>

		125KHZ LF RFID, support to read ID card
	<b>UHF RFID</b>	<b>Internal</b> ThingMagic NANO Working frequency: 865 to 868 MHz Supported agreement: EPC C1 GEN2/ISO 18000-6C Output power:10dBm-30dBm Ceramic antenna: 0.3db(25*25*4mm)

**ORDER**

Orderin Information		Module Code	Module Type
<b>Standard / Basic Part</b>			
<b>ST927 Host</b> LTE/WCDMA/GSM LTE_FDD B1/B3/B7 LTE_TDD B41/B40 WCDMA B1//B2/B5 GSM 900/1800/1900		<b>ST927W-G</b>	Android 7.1 OS, Qcta Core, 1.6G IP67 / Bluetooth /4G/ WIFI / GPS with accuracy 10m 8 inch IPS 800*1200 / 13 Million Pixels Camera 8000mAh Lithium Battery / Mini USB Port
<b>Optional Module</b>			
Barcode scanning(Internal)		<b>J</b>	1D Laser Barcode Scanning
		<b>2</b>	2D Barcode Scanning
RFID	LF RFID(Internal)	<b>4</b>	LF 134KHZ (FDX)
		<b>5</b>	LF 125KHZ
		<b>L</b>	LF 134KHz (FDX) Reading distance: 10 cm
	HF RFID(Internal)	<b>H</b>	HF/NFC/NXP RFID 13.56Mhz
	UHF RFID (865-868 MHZ and 900 MHZInternal)	<b>Q</b>	865-868MHZ(American Standard) Single tag: 1m Group reading: 0.2m 900MHZ(Europe Standard) Single tag: 0.7m Group reading: 0.2m
High Precise GPS(Internal)		<b>B</b>	High Precise GPS Locating Module with accuracy 3m
Fingerprint(Internal)		<b>F</b>	Fingerprint Module
Infrared Communication(Internal)		<b>T</b>	Infrared Communication

## PACKAGING

NO.	Items	Picture
Standard Package	ST927 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)	

## VIDEO in Youtube

[www.youtube.com/watch?v=UujWEvk8ehU](http://www.youtube.com/watch?v=UujWEvk8ehU)

[www.youtube.com/watch?v=2Kghe\\_St-UE](http://www.youtube.com/watch?v=2Kghe_St-UE)



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