



**Antéor**

## Tablette durcie 8 pouces pour Android

ST0827 industrial tablet PC adopts Qualcomm MSM8953 Octa core 2GHz CPU and Android 7.1 operation system; 4G RAM, 64G ROM, 4G LTE. 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

◆ **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

◆ **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



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## 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
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
	High precise GPS: NEO-6M
	GPS+BDS: NEO-M8N
	GPS+GOLNESS: NEO-M8N Accuracy 4m
WIFI	Support IEEE 802.11a/b/g/n/ac
2G/3G/4G	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, 1920x1200 IPS screen, capacitive touch screen, 400nits
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)



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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	3.8V, 10000mAh
Dimension	232*158*22
Weight	810g
<b>Environmental Characteristics</b>	
Working Temperature	-10°C ~ +50°C
Storage Temperature	-40°C ~ +60°C
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>



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	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	<b>HF RFID(Internal):</b> Support NFC/NXP, 13.56MHZ ISO14443A,B and ISO15693 protocol, reading distance 0-3cm	
	<b>LF RFID:</b>	134.2KHZ LF RFID, support ISO11784/5 protocol, support to read IC card(FDX/HDX)
		125KHZ LF RFID, support to read ID card
	<b>UHF RFID</b>	<b>Internal</b> Ray links RLM060 or ThingMagic M6E-NANO Reading distance: 0.2~0.3 m Ceramic antenna: 0.3db( <b>25*25*4mm</b> )
<b>External</b> Supports EPC C1 GEN2/ ISO 18000-6C and ISO 18000-6B/6C protocol Reading distance:1.8m/3.5m Frenquency:865-868Mhz or 920-925Mhz Ceramic antenna: 0.3db(25*25*4mm)		



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**ORDER**










Orderin Information		Module Code	Module Type
<b>Standard / Basic Part</b>			
<b>ST0827 Host</b> LTE/WCDMA/GSM LTE_FDD B1/B3/B7 LTE_TDD B41/B40 WCDMA B1//B2/B5 GSM 900/1800/1900		<b>ST0827-G</b>	Android 7.1 OS, Qcta Core, 1.6G IP67 / Bluetooth /4G/ WIFI / GPS with accuracy 10m 8 inch IPS 1920*1200 / 13 Million Pixels Camera 8000mAh Lithium Battery / Mini USB Port
<b>Optional Module</b>			
Barcode Scanning		<b>R</b>	CCD Barcode Scanning
		<b>J</b>	1D Laser Barcode Scanning
		<b>2</b>	2D Barcode Scanning
RFID	LF RFID	<b>4</b>	LF 134KHZ (FDX)
		<b>5</b>	LF 125KHZ
		<b>C</b>	LF 134KHz (FDX/HDX)
	HF RFID	<b>H</b>	HF RFID 13.56Mhz
	UHF RFID (865-868MHZ is optional)	<b>1/N</b>	UHF (900MHZ- <b>1</b> or 865-868MHZ- <b>N</b> , 0.45m)
		<b>3/O</b>	UHF (900MHZ- <b>3</b> or 865-868MHZ- <b>O</b> , 2m)
<b>M/E</b>		UHF (900MHZ- <b>M</b> or 865-868MHZ- <b>E</b> , 4m)	
High Precise GPS		<b>P</b>	High Precise GPS Locating Module with accuracy $\leq 3m$
Fingerprint		<b>F</b>	Fingerprint Module
Infrared Communication		<b>T</b>	Infrared Communication



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## PACKAGING

NO.	Items	Picture
<b>Standard Package</b>	ST0827 Rugged Tablet PC	
	Charger	
	USB Cable	
	User Manual	
	Handbelt	
<b>Optional Package</b>	Earphone (Optional)	
	OTG device USB-LAN RJ45(Optional)	
	Vehicle Charger(Optional)	
	Holder on the wall(Optional)	
	Straps and Touch pen(Optional)	
	Bag(Optional)	