



S917V3

INDUSTRIAL TABLET PC



OVERVIEW



S917V3 NEW industrial tablet PC is manufactured by Shandong Senter Electronic Co., Ltd., which adopts quad core 1.8 GHz CPU and Android 9.0 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; drop resistance from 1.2m; ST907 NEW rugged tablet PC is an internet information terminal which has advanced technology, powerful function and reliable performance.

S917V3 adopts the combination of host and modular jacket design concept. It not only has intelligent operation platform but also has functional modular jacket with flexible configuration. So it can satisfy the customized requirements from different customers.

FEATURES

- Advanced system: Android9.0 os operating system; quad core 1.8GHz CPU; 4G RAM, 64G ROM -- Three-proof design: IP67 three protection grade, drop resistance from 1.2m
- Visible under strong light; 7 inch LCD screen, 1920X1200 IPS capacitive touch screen, 500 nits
- Powerful function: multi function information acquisition configuration (1D/2D bar code scanning, LF/HF/UHF RFID reader, fingerprint identification)
- Multi communication modes: support 4G, WIFI, Bluetooth and many wireless communication modes
- Strong battery life: more than 600 hours of continuous standby
- Support professional GPS: support differential data or common GPS
- Support jacket extension: satisfy custom applications from customers
- Support Glove work

SPECIFICATIONS

General Specifications

Operating System	Android 9.0OS
CPU	Qualcomm Snapdragon 625 SDM450Quad core CPU, 1.8GHz GPU Adreno 506
RAM/ROM	RAM:4G
	FLASH: 64G
Extended Storage	Micro SD, Maximum 512G
USB port	5 pin MicroUSB; support OTG (U-disk/Mouse/Keyboard/USB Ethernet cable)
Mini Sim Card slot	Support
OTG	Support, through OTG can meet 100M network port, network card setup, PPPoE dial-up, web browsing. Support OTG extend RS232 serial port
External port	Charge port 2.5mm, headphone port 3.5mm

Protection Grade

Industrial Protection Grade	IP67 waterproof class:7 Dust proof:6
Drop Grade	Drop resistance from 1.2m
Environment test	Drop proof MIL-STE-810G
Certificate	CE/RoHS/FCC

Wireless Communication

Bluetooth	Support 4.1
GPS	Support GPS, DBS, GLONASS and professional GPS,Ublox; GPS and Beidou (alternative)
WIFI	Support IEEE 802.11a/b/g/n/ac
Band Version (China or Europe venison) US version will be available soon	China/India: LTE FDD:B1/B3/B5/B8 LTE TDD:B34/B38/B39/B40/B41 WCDMA:B1/B8 TD-SCDMA:B34/B39 EVDO/CDMA:BC0 GSM:900/1800MHZ

	<p>Europe/Africa: LTE FDD:B1/B3/B5/B7/B8/B20/B28A LTE TDD:B38/B40/B41 WCDMA:B1/B2/B5/B8 GSM:850/900/1800/1900MHZ</p>
Data Acquisition (Optional)	
Fingerprint identification(Authentec)	<p>Supports fingerprint entry, image collection, fingerprint recognition, fingerprint deletion etc. Type: TCSIST Sensor type: capacitive Acquisition window size: 24.5*19mm Effective image size:15.5*18.5mm Image size: 256*360 Resolution: 500 DPI contrast mode(1:1); search mode(1:N) FIPS 201 compliant capability (TCS1)</p>
Far infrared meter reading	Working frequency 37.9K
Barcode Scanning	<p>1D Infrared Scanner Index: Scanning speed: 50 times/second Scanning distance: 5.7cm-61.0cm Scanning angle: 53.3° ±3°</p>
	<p>1D Laser Scanner Index: 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)</p>
	<p>2D Barcode Scanner Index: 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</p>

RFID	LF RFID: 134KHZ LF RFID or 124KHZ LF RFID
	NFC (HF) RFID: Working frequency: 13.56MHZ Profile: Support ISO/IEC 15693, ISO/IEC 14443A profile Support Cards: SR176, SRIX4K (TYPE-B), I- Code2, TI RFID label-it HF-I, EM4034, Mifare Classic ETC Identification distance: not more than 5cm
	UHF RFID: Working frequency: 840-960MHz(customization of required frequency band) Support agreement: EPC C1 GEN2/ISO 18000-6C Output power: 10dBm-30dBm Identification distance: not more than 6m ImpinjR2000 chipset

Physical Parameters

Display Screen and TP	7 inch LCD screen, 1920*120 IPS screen, Ten-point capacitance touch screen,G+F+F
Keyboard	Android menu, Homepage, Return, Volume, Barcode, ON/OFF, Reset
Camera	2 million pixels front camera, 8 million pixels rear camera with automatic focus and lighting function
Headset	3.5mm audio Interface, has mike and telephone receiver
LED indicator light	Support (ordinary flicker, Call fast flicker, missed calls) three status bar
Flashlight Function	Support, can be used for emergency lighting
Googleplay store	Support
Gravity sensor	Support
Compass	Support
Vibrating motor	Support
FM	Support
Rechargeable Lithium Battery	3.7V, 7200mAh
Standby	Standby current less than 10mA
Dimension	209mm*139mm*19mm
Weight	590g

Environmental Characteristics

Working Temperature	-20℃ ~ +50℃
Storage Temperature	-40℃ ~ +60℃
Humidity	5%-95% relative humidity; no condensation
Certificate	CE/RoHS/FCC
Environment test	Drop proff MIL-STE-810G

APPLICATIONS



This advanced industrial-grade mobile information terminal can be widely used in mobile informatization projects of various industries, for example inspection, electric power, communication, gas, water affairs, logistics, medical treatment,

government affairs, police affairs, forestry, traceability and other fields.

PACKAGING

NO.	Items	Marks
1	Industrial PC	
2	Charger	
3	USB Cable	
4	Handbelt	Optional
5	Earphone	Optional
6	OTG line	Optional
7	USB-RJ45 connector	Optional
8	Wall mounting/fix	Optional
9		



ORDERING INFORMATION

Ordering Information	Module Code	Module Type
Standard / Basic Part		
Standard tablet	S917V3	Android 9OS, quad core,4G LTE/WCDMA, 1.8G CPU RAM:4G ROM: 16G Bluetooth 4.0/WIFI/GPS/NFC RFID 7200mAh lithium battery ,8MP camera , NFC RFID,GPS
Optional Module		
Barcode Scanner inside of tablet	R	CCD Barcode Scanning, Motorola SE655
	O	2D barcode N6603 Honeywell
Barcode scanner in Jacket	2	Newland EM3296
	8	Honeywell N3680
	N	Honeywell N4313
	Z	1D Laser Barcode Scanner Zebra EM1350
LF RFID	4	LF 134KHZ FDX
	5	LF 125KHZ
	D	LF 134KHZ FDX and HDX and 125K long distance 9cm
NFC RFID	H	HF RFID 13.56Mhz(included in standard)
UHF RFID	M	UHF (902MHZ-928MHZ, 4m)

	E	UHF(865-868MHX,about 4m)
GPS	G	GPS Locating Module included in host
	U	High Precise GPS Locating Module M8N ublox
Fingerprint	F	Fingerprint Module
Infrared module	T	infrared consumption reading for power

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