

ST935B Rugged Tablet Windows 10

SPECIFICATION

Product Outlook			
Type	Details	Standard Configuration	Optional Configuration
Product Form	Type	Rugged Tablet	NA
	Dimension	228*147*16.5mm	NA
	Weight	Device:630g , Device with giftbox and accessories:1330g, Docking : 290g	NA
	Device Color	Black+Silver (rear pane:silver, front panel: black)	Black (rear panel: black, front panel:black)
LCD	Screen Size	8" 16:10 Model	NA
	Resolution	800*1280 IPS	NA
	Brightness	320Nit	optional SLR sunlight readable film
TP	Touch Panel	10 point capacitive,G+G dragontrail glass, Rigidity: 7H above, anti-scratch,TP thickness : 1.1mm, COF, support handwriting	optional SLR sunlight readable film
Camera	Front	Front: 2.0MP with indicator	NA
	Rear	5.0MP	NA
Speaker	Built-in	8Ω/0.8W waterproof speaker x 1	NA
Mic	Built-in	sensitivity:-42db, output resistance:2.2kΩ	NA
Battery	Type	Lithium-ion polymer battery , dimension : 43*89*86	NA
	Capacity	3.7V/8500mAh	If adapt 4G configuration, battery capacity: 7800MAH
	Endurance	8hrs(default 50% volumn, default 200 nit brightness, play 1080P HD Video)	NA
System Hardware Configuration			
Type	Details	Descriptions	
CPU	Type	Intel Baytrail-T(Quad-core),Z3735F	NA
	Speed	1.33Ghz-1.8GHz	NA
GPU	Type	Intel® HD Graphics	NA
RAM	DDR3L	2GB	2GB
ROM	Emmc	32GB	16G/32G/128G
G_sensor	Built-in	Gravity acceleration sensor	NA
Internet Connections			
Type	Details	Description	
WIFI	WIFI Module	WIFI 802.11(a/b/g/n) Frequency:2.4G+ 5.8G dual bandWIFI	NA

Bluetooth	Built-in	BT4.0 (BLE) class1 transmission distance: 10m	NA
3G	Built-in	IC:H350-A50-10 bands: WCDMA(900/2100MHz) GSM (900/1800MHz) , HSDPA 21Mbps, HSUPA 5.76 21Mbps	H350-A30-10 WCDMA (900/2100MHz) HSDPA 7.2Mbps, HSUPA 5.76 21Mbps
			H350-B50-10 WCDMA (850/1900MHz) HSDPA 21Mbps, HSUPA 5.76 21Mbps
			H350-B30-10 WCDMA (850/1900MHz) HSDPA 7.2Mbps, HSUPA 5.76 21Mbps
4G	Built-in	NA	IC: L810 Bands : 5mode11bands (LTE FDD/LTE TDD/WCDMA/TD-SCDMA/GSM)
GPS	Built-in	U-blox NEO-7,support:GLONASS,QZSS,GPS;Cap ture sensitivity:-160 dBm; cool startup : <30s, hot startup : <28s, frequency : 0.25 Hz ...10 MHz (configurable)	UM220, BD/GPS dual navigation
NFC	Built-in	NA	NXP NFC 13.56MHz support ISO/IEC: 14443A/14443B/15693/18092/ mifare protocol, card reading distance : 4cm

Data Collection

Type	Details	Description	
1D barcode scanner	Optional	NA	MOTO SE655E100R
			Optical Position: 5mil
			Scan speed: 50/s
			Symbol system:UPC/EAN, Bookland EAN ,UCC Coupon Code,ISSN EAN,Code 128,GS1-128,ISBT 128,Code 39,Trioptic Code 39 ,Code 32,Code 93 ,Code 11
2D barcode scanner	Optional	NA	MOTO SE4710 Hardware decoder
			Optical Resolution:5mil
			Scan speed:50/s
			Symbol system:PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode,QR Code, MicroQR, QR Inverse,Aztec,Aztec Inverses,Han Xin,Han Xin Inverse

Connectors			
Type	Details	Description	
TF slot	Extensive External Memory	support SDHC/SDXC x1 max: 64G	NA
USB Interface	Extend external memory and data transfer	USB 2.0*1 (Host) for windows Android OTG x1	NA
Earphone Jack	Audio Output	φ3.5mm standard earphone jack x1	NA
DC Jack	Power	DC 5V 3A φ3.5mm power connector x1	NA
HDMI	Video Output	HDMI 1.4a Type C x1	NA
ExtensiveSlot	pogo Pin	12pin Pogo Pin x1	NA
Standard Accessories			
Type	Details	Description	
OTG Cable	OTG Cable	USB OTG to MICRO USB cable length:45mm	NA
USB Cable	USB Cable	USB to micro 5P L=1.2M 4core aluminum foil shield cable	NA
Power Adaptor	Standard	AC100V ~ 240V、50Hz/60Hz output DC 5V/3A USA standard CE approved	USA standard
			EU Standard
Software Configuration			
Type	Details	Description	
Operation System	OS version	windows 10 Home non-activated Default language: English; Or Android 5.1	windows 10 Home 64bit
			Windows10 Pro 32bit /64bit
			Windows 10 enterprise 32bit /64bit
			Embedded 8.1 Industry Pro 32bit
Product Certificate			
Type	Details	Description	
Certificate System	IP67	IPX7 Method: Short time water immersion test Test equipment and test conditions : Immersion Box. Its size shall meet: sample bottom is at least 1m from water surface after sample is put into water and sample top is at least 0.15m from water surface. Test time: 30 min	T1 will be offered for testing
	CE		T2 will be offered for testing
	810G		T2 will be offered for testing

Reliability

Type	Details	Descriptions	
Product Reliability	Drop Height	1.2m composite wood floors, in operation status	
	Operate Temperature	' -20 °C to 60 °C -4 °F to 140 °F	
	Store Temperature	' -30 °C to 70 °C / -22 °F to 158 °F	
	Humidity	Humidity: 95% Non-Condensing	