

# Rugged tablet ST935E - Windows 10 rugged tablet 10 inch

## SPECIFICATION

Product Outlook			
Type	Details	Standard Configuration	Optional
Product Form	Type	Rugged Tablet	NA
	Dimension	280*187*22mm	NA
	Weight	Device unit: 1014g Unit with giftbox and standard accessories:1990g Docking: 290g, 10000mAh battery: 250g	NA
	Device Color	Black (frant and rear Panel: black, Decorate board:black)	Black+Silver (frant and rear Panel: black, Decorate board:Silver)
LCD	Screen Size	10.1' 16:10	NA
	Resolution	800 (RGB)X1280	1200*1920
	Brightness	280 cd/m2	optional SLR Sunlight visible film
TP	Touch Panel	10 points Capacitive, G+G, Rigidity: above 7H-Anti-scratch, TP thickness: 1.1mm , COF	optional SLR Sunlight visible film
Camera	Front	Front:2.0MP with indicator light	NA
	Rear	Rear: 5.0MP	NA
Speaker	Built-in	Embedded 8Ω/0.8W waterproof speaker x 1	NA
Mic		Sensitivity:-42db, output resistance:2.2kΩ	NA
Battery	Type	Lithium-ion polymer battery , pluggable, dimension: 21.8*92.3*9.5mm	Standard:1 pcs, optional: 2pcs
	Capacity	3.7V/10000mAh	NA
	Endurance	6-8hrs(default 50% volumn, default200nit, play 1080P HD video)	NA
System Hardware Configuration			
Type	Details	Description	Optional
CPU	Type	intel cherrytrail Z8350	NA
	Speed	1.44Ghz-1.84GHz	NA
GPU	Type	Intel® HD Graphics	NA
RAM	DDR3L	2GB	4GB
ROM	Emmc	32GB	16G/64G/128G
G_sensor	Built-in	Gravity acceleration sensor	NA

Network Connections			
Type	Details	Descriptions	Optional
WIFI	WIFI Module	WIFI 802.11(a/b/g/n) Frequency 2.4G+5.8G dual band WIFI,	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: 5modes11frequency (LTE FDD/LTE TDD/WCDMA/TD-SCDMA/GSM)
GPS	Built-in	Support :GLONASS,QZSS,GPS; Capture sensitivity: -160 dBm ; Cool Start Time: <30second , Hot start time: <28seconds , frequency: 0.25 Hz ... 10 MHz (configurable)	BD/GPS dual mode
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	Optional
Fingerprint	Optional	NA	S22A(FPC1020 Sensor, capacitance pressure type)
			120MHz basic frequency、1M Bits Flash Memory、128KB SRAM
			Process speed: fingerprint recognized time< 0.45 seconds
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

<b>2D Barcode Scanner</b>	<b>Optional</b>	NA	Honeywell N3680 Hardware decoder
			Optical Resolution:1280*800; 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

#### Interface Configuration

Type	Details	Descriptions	Optional
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
DB9 PORT	Serial port	*1 (RS232) TTL electrical level	NA
RJ45 PORT	internet port	*1(10/100 self-adaption)	NA
Air outlet	Air outlet	NA	*1 ( build in small board for customer customized ) TLU1HPO2H0709J-50( tong mao Plug) LU1HR04H0709K(tong mao Plug)

#### Standard Accessories

Type	Details	Description	Optional
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 approval	USA standard
			EU Standard

#### Software Configuration

Type	Details	Description	Optional
Operation System	OS version	windows 10 Home 32bit non-activated Default language: English Or Android 5.1	windows 10 Home 64bit
			Windows10 Pro 32bit /64bit
			Windows 10 enterprise 32bit /64bit

Product Certificate			
Type	Details	Description	Optional
Certificate System	IP65	<p>IP65 Report: Water resistance : IP-X5, Dust resistance: IP-6X Report ID no.: SET2015-07677</p> <p>a.Inner Nozzle diameter: 6.3mm; b. water speed: 12.5±0.625L/min;</p> <p>c. Water Pressure: adjust according to water volumn;</p> <p>d.Central part of water volumn</p> <p>e.Spray time in surface of panel: about 1min; f.test time: at least 3min;</p> <p>g.distance between nozzle and panel surface: 2.5 ~ 3m.</p> <p>After test, there is no water leakage in sample.</p>	
	CE		T4 device test
	810G		T4 device test
Reliability			
Type	Details	Descriptions	Optional
Product Reliability	Drop Height	100cm 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	