10.1" ultra-long battery life Windows rugged tablet

Product Introduction

Equipped with Windows 10 operating system and intel Cherry Trail Z8350 processor, SIP-W101 rugged tablet PC has a 10.1-inch screen and a 12,000mAh battery with ultra-long battery life to ensure long-term work. In addition, it also supports a wealth of external and extended functions, including 2D barcode, UHF, fingerprint, NFC and high-precision Beidou/GPS positioning, etc., which are suitable for the needs of various industries, such as logistics, retail, warehousing, etc. With its 10.1-inch HD display, powerful processing power, and multiple connectivity options, it supports a wide range of industrial applications. Whether it is in a harsh outdoor environment or in a scenario that requires frequent data exchange, it can ensure excellent performance and reliability.

Key features:

▪ Efficient performance

Powered by an Intel Cherry Trail Z8350 quad-core processor clocked at up to 1.44GHz, it provides superior processing power for everyday tasks. Equipped with 4GB of RAM and 64GB of storage to meet the data processing needs of most industrial applications, Windows 10 makes simple and complex operations more efficient.

▪ Clear visuals

The 10.1-inch display with a resolution of 1920×1200 and 450 nits of brightness is still visible even when working in sunlight. It supports 10-point touch and capacitive pen input, making data entry and operation smoother, and suitable for working environments with rapidly changing needs.

▪ Diverse network connections

It supports 4G LTE, 3G WCDMA and GSM network standards to ensure efficient data transmission in various environments. In addition, 802.11a/b/g/n/ac wireless network support and Bluetooth 4.0 also add multiple possibilities to the connectivity capabilities of devices to ensure efficient information exchange.
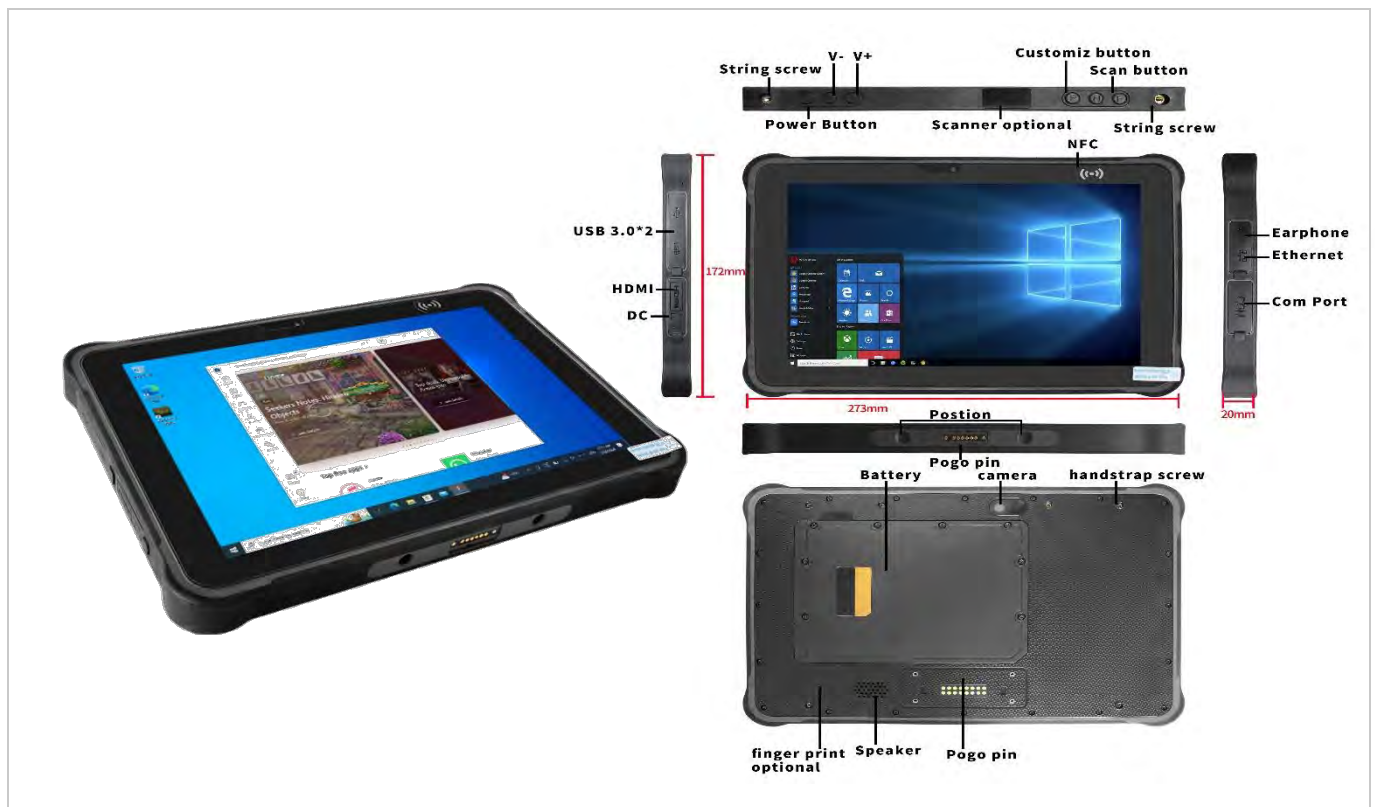
▪ Durable and sturdy

With IP65 to IP67 ratings, it is not only resistant to water and dust, but it is also MIL-STD-810G certified to withstand drops up to a height of 1.2 meters, which makes it suitable for use in demanding industrial environments such as railways, construction, transportation, etc., providing users with an additional sense of security.

▪ Flexible scalability

Rich interfaces include HDMI, USB 3.0, RJ-45 Ethernet, etc., and the connection of different peripherals is very convenient. In addition, optional configurations such as 2D barcode scanning, UHF RFID and fingerprint recognition modules provide users with more professional tool options.

Dimensional interfaces

Specifications

system	operating system	Windows 10 (supports multiple languages, optional Home/Professional/IoT editions)
	C P U	Intel Cherry Trail Z8350, 4 cores, main frequency 1.44GHz, burst frequency 1.92 GHz
	Memory storage	4GB+64GB
screen	display	10.1 inches, 1920×1200 resolution, 450 nits of brightness
	touch screen	10-point touch, capacitive pen support
Image	Camera	2 million pixels on the front and 5 million pixels on the rear
Horns	loudspeaker	1.5W
Continuation	loudspeaker	Built-in removable polymer lithium-ion battery, 12000mAh/voltage 3.8V
	charger	DC 5V 3A (Chargeable Use)
Wireless communications	Networking	4G LTE, 3G WCDMA, 2G GSM
	4G	TDD_LTE: B40, FDD_LTE: B1/B2/B3/B4/B5/B7/B28
	3G	WCDMA: B1/B2/B4/B5/B8
	2G	GSM/EDGE: B2/B3/B5/B8
	Navigation and positioning	Beidou BDS, GPS, GLONASS
	WIFI	802.11a/b/g/n/ac Wireless Internet, Wireless AP, Mobile AP 2.4G/5GDual-band
	Bluetooth	Bluetooth 4.0
I/O interface	Extended display	1×HDMI
	SIM	1×SIM external card slot
	USB	1×USB 3.0, 1×USB 2.0
	TF	1×TF card slot (up to 128G)
	Headphone jack	1×Earphone 3.5mm
	charge	1×DC（3.5*12mm)
	LAN	1×RJ-45
	COM	1×RS232
	pogo pin	16pin on the back + 8pin on the bottom
Press the key	Button function	Volume Vol+/Vol-, Switch POWER, Scan F, Custom Buttons: P/H
sensor	Responses	Under-display ambient light sensor	Compass	Barometric pressure sensor
Data acquisition	NFC	13.56 MHz, 7-15mm distance
	2D barcode scanning	No (optional Honeywell N4680)
	UHF Radio Frequency Identification	None (optional external M500, distance 3-6m)
	Fingerprint Recognition	None (optional AMF60)
	High-precision GPS	None (optional UM960/TU101)
multimedia	Picture	BMP, JPG,GIF,PNG
	Video	MEPG 1/2/4,H.263/H.264,RMVB,WMV/VC-1,MVC,AVS,MJPEG (UP TO 1080P)
	Audio	MP3,WMA,WAV,OGG,FLAC,ALAC,APE,AAC,AC-3,DTS
Structure	Outer shell	ABS/PC material, black
	Size	Product 273×172×20mm
	Weight	Net weight 1.1kg
reliability	Ingress protection	IP65-IP67 waterproof and dustproof
	Drop height	1.2m drop resistant
	Certification	MIL-STD-810G, ISO, IP67, MSDS
Environment	Working environment	-20 ℃ ~ 60 ℃
	Storage environment	-25 ℃ ~ 80 ℃
	Humidity	5%~95% non-condensing

Ordering Information

Model	Touch	size	resolution	CPU	storage	Camera	battery	LAN	RS232	HDMI	TF	SIM	USB2.0	USB3.0
SIP-W101 (Z8350)	Capacitive Screen	10.1 "	1920×1200	Z8350/ 1.44GHz	4G+64G	2MP+5MP	12000mAh	1	1	1	1	1	1	1

Configuration upgrade

name	remark	remark
memory	8G / 16G	Optional
hard disk	64G / 128G / 256G / 512G / 1TB	Optional
Data acquisition	Barcode scanning / UHF radio frequency identification / high-precision GPS	Optional

Accessories list

name	remark	quantity	remark
Packing box packaging	Product packaging	1	Standard
Charger	DC 12V 3A charger	1	Standard
Wrist strap	For hand grip	1	Standard
Wristbands	For hand-held	1	Standard
screw	For bracket mounting	6	Standard
Warranty card l	Soncci logo / neutral	1	Optional
Certificate of Conformity	Soncci logo / neutral	1	Optional
Charging base	For dock chargers	1	Optional
bracket	Bracket mounting	1	Optional
Car charger	For on-board charging	1	Optional