13.3" Windows Industrial Rugged Tablet PC

Product Introduction

SIP-J13 Industrial Rugged Tablet PC is a powerful mobile workstation with a 13.3-inch screen, equipped with Windows 11 system and intel N5100 processor, equipped with a 6000mAh large-capacity battery, supporting external and expansion needs, including Beidou, 2D barcode, UHF, fingerprint, NFC and high-precision GPS, etc., suitable for professional needs in various industries, suitable for industries that require high-performance computing, large-screen display, and long-term battery life, such as design, engineering drawings and other fields.

Key features:

▪ Powerful performance
With Windows 11 support, up to 16GB of RAM and 512GB of storage in place, the tablet is exceptional for data processing and multitasking, from real-time data monitoring to complex computing tasks.
▪ Superior display
With a Full HD resolution of 1920x1200 and a brightness of up to 450 nits, the tablet guarantees excellent display results even in direct sunlight or strong external light. At the same time, its 10-point touch screen supports glove operation, making it easy to use in a variety of work environments.
▪ Full connectivity capabilities
Rich interfaces, including USB 3.0, HDMI, RJ-45 Ethernet, etc., are handy for both data transmission and external device connection. In addition, it supports 4G LTE wireless connection and WIFI, which can seamlessly access the network in various occasions, which is very convenient for work.
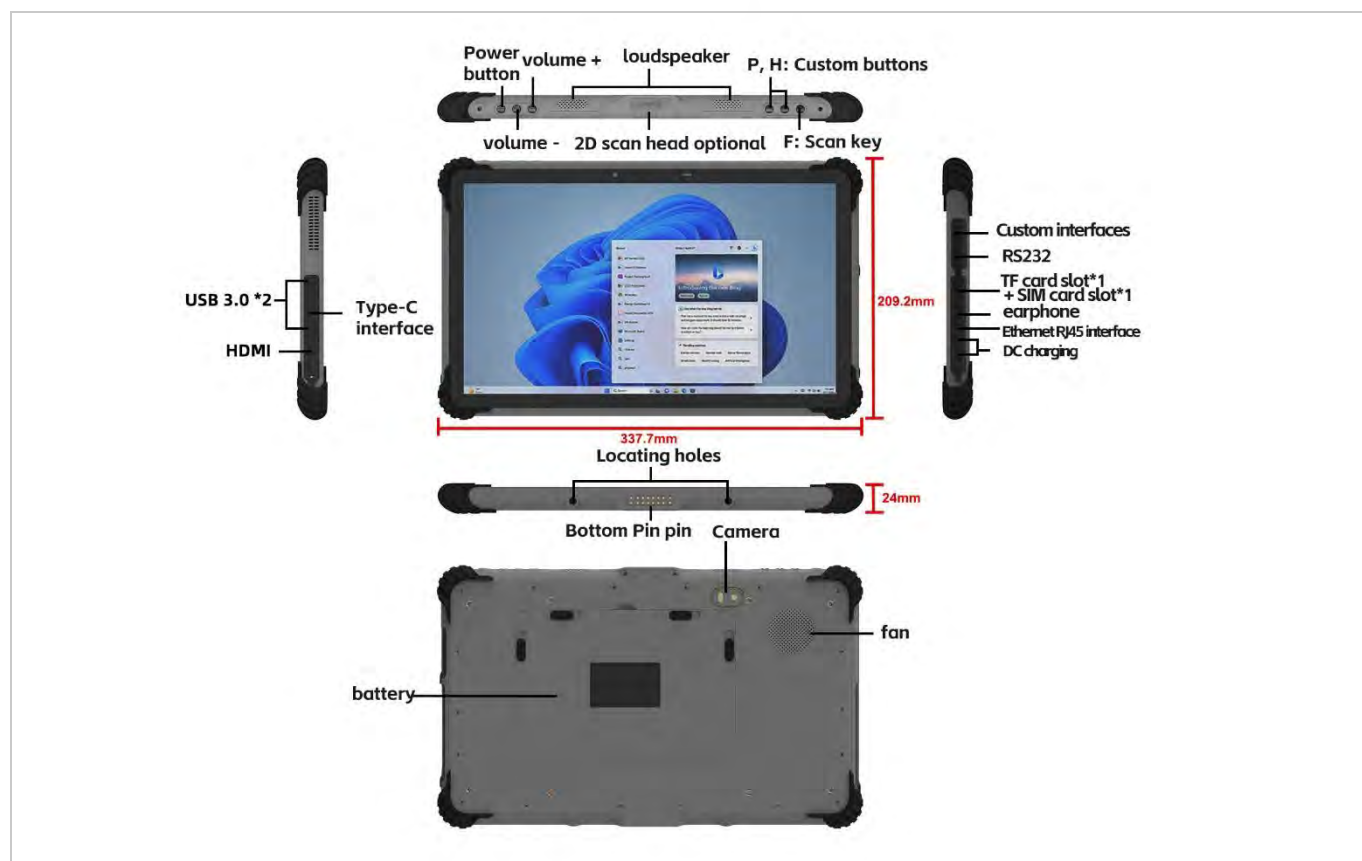▪ Enhanced durability
Certified with IP65 protection and a 1.2-meter drop test, it remains reliable even in harsh operating environments. The shell is made of composite materials such as ABS/PC/rubber, which effectively resists dust and moisture and provides peace of mind.
▪ Scalability and flexibility
A variety of options such as UHF modules, 2D scanning heads, and fingerprint modules can be added according to needs, giving the device more powerful functions and a wider range of applications. With optional high-precision GPS and a wide range of sensors, it offers significant advantages in industrial monitoring and logistics management.

Dimensional interfaces

Specifications

system	operating system	Windows 11（multi language，home/pro/iot）
	C P U	intel Celeron N5100，4 核 4 线程，主频 1.10 GHz，睿频 2.80 GHz
	Memory storage	8GB+256GB
screen	display	13.3 inches, 1920×1200 resolution, 450 nits of brightness
	touch screen	10-point touch, support stylus and thin glove touch
Image	Camera	5 million pixels on the front and 13 million pixels on the rear
Horns	loudspeaker	1.5W x 2
Continuation	loudspeaker	6000mAh/7.6V (45.6Wh)
	charger	DC 4.0×1.7mm，12V DC 输入
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 4.2
I/O interface	Extended display	1×HDMI
	SIM	1×SIM external card slot
	TF	1× TF card slot
	USB	2×USB 3.0
	Headphone jack	1×Earphone 3.5mm
	charge	1×DC（4.0×1.7mm）
	LAN	1×RJ-45
	Aviation socket	2× airhead interface
	COM	1×RS232
	pogo pin	Bottom 16pin
Press the key	Button function	Volume Vol+/Vol-, Switch POWER, Scan F, Custom Buttons: P/H
sensor	Responses	Under-display ambient light sensor	Accelerometer	Gravity sensor
Data acquisition	NFC	13.56 MHz, 1-3mm 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 0.25-1m positioning high accuracy)
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 330×205×20mm
	Weight	Net weight 1450±50g
reliability	Ingress protection	IP65 waterproof and dustproof
	Drop height	1.2m drop resistant
	Certification	MIL-STD-810G，ISO
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-J13 (N5100)	Capacitive Screen	13.3 "	1920×1200	N5100/ 1.1GHz	8G+256G	5MP+13MP	6000mAh	1	1	1	1	1	N/A	2

Configuration upgrade

name	remark	remark
memory	8G / 16G	Optional
hard disk	256G / 512G / 1TB	Optional
WIFI	WIFI 6 optional	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 charger	1	Standard
Wrist strap	For hand grip	1	Standard
Warranty card l	Soncci logo / neutral	1	Optional
Certificate of Conformity	Soncci logo / neutral	1	Optional
Charging base	for dock charging	1	Optional
Charging base	For dock chargers	1	Optional
bracket	Bracket mounting	1	Optional
Car charger	For on-board charging	1	Optional