

# SG-1006

Dedicated to Supply Chain Warehousing



## lot Handheld Terminal

Intel Quad-Core | Windows 11 | IP67 Sealing | 5000mAh/7.6V

The SG-1006 is a 10.1-inch high-performance rugged industrial tablet engineered for global supply chain warehousing, smart manufacturing, and severe field engineering applications. Powered by an efficient Intel® Jasper Lake quad-core processor and running on enterprise native Windows 10/11 operating systems, it provides desktop-class computing capabilities to seamlessly process massive corporate database pipelines without latency.

Designed for versatile data collection, the SG-1006 features integrated high-speed 1D/2D barcode scanning, customizable multi-protocol NFC, and high-gain UHF RFID reader engines. Outfitted with an ultra-rugged structural framework, it boasts certified IP67 sealing, 1.5-meter marble drop armor, and extreme temperature resilience—making it the ultimate, reliable edge computing tool to streamline industrial automation and field workflow efficiency worldwide.

# Product Specifications

## Performance

Octa-core	
CPU	Windows10/11 64-bit, N100 3.4GHz CPU
GPU	Intel® UHD Graphics 750MHZ
Memory	8GB/16GB
Storage	128GB/256GB/512GB
System	Windows10/11

## Data Communication

WIFI	Wi-Fi 802. 11a/b/g/n/r/ac (2. 4G+5G Dual-band Wi-Fi)
WWAN	2G (GSM) : 2G :B2/B3/B5/B8
	3G (WCDMA) :B1 /B2/B5/B8
	4G(FDD-LTE):B1/B2/B3/B4/B5/B7/B8/B17/B20/B28 A/B28B LTE-TDD:B38/B39/B40/B41
Bluetooth	Bluetooth 4.0 transmission distance Max: 10m
GNSS	Built-in GPS、Glonass、BEIDOU Galileo

## Physical Specifications

Dimensions	274.9 x 188.7 x 23.1mm
Weight	Bare machine 1197g (including battery)
Display	10.1-inch TFT screen 16:10, Resolution 800x12801200x1920, 500nits
TP	Multi-touch capacitive screen
Battery capacity	Removable 5000mAh/7.6V
	Standby time > 500 hours
	Working time > 12 hours
	Charging power: 15W
	Built-in polymer lithium-ion battery
	Charging indicator light: The red light flashes when the battery is low, the red light stays on when charging, and the green light stays on when the battery is fully charged.
Expansion Card slot	Supports TF *1,sim card slot *2,Type-C*1, PSAM*1
Communication interface	Type-C 2.0 USBx1,USB 2.0 Type-A * 1, Support OTG function
RJ45	100MB/S transfer rate speed
HDMI	HDMI*1
Audio	Speaker (mono), microphone, receiver
Keypad	1 power button + 1 scan button + 1 volume buttons
Sensors	Gyroscope *1,Gravity sensor *1,Vibration motor *1

## Language/Input Method

## Data Collection

Barcode Scanning (optional)	
1D Symbologies	Support UPC/EAN, Code129, code39, code11, cross 25 code, codabar, MSI, etc.
2D Symbologies	Supports QR, PDF417, Mirco QR, RSS, Aztec, Maxicode, etc.

## Camera (Standard)

Rear camera	5MP HD camera, auto focus, flash, anti-shake, macro shooting
Front camera	2MP color camera

## NFC (optional)

Frequency	13.56MHz
Protocol	ISO/IEC 14443A/B,ISO15693
Distance	card reading distance:≤ 4cm

## Fingerprint module(optional)

Ministry of Public Security certified fingerprint/  
FBI certified fingerprint module

## UHF RFID (optional)

spectrum range	902MHz - 928MHz /865MH z - 868MH z (optional)
Security module	EPCglo bal UH F Class 1 Gen 2/ ISO 18000 - 6 C
Recognition speed	>50 sheets/second
Read and write distance	1 - 2 meters (depending on label)

## User Environment

Operating temperature	-10°C - 50°C
Storage temperature	-20°C - 60°C
Environment humidity	0~95%RH (no condensation)
Environment humidity	temperature range, 6 sides can withstand a height of 1.2 meters,falling to the marble.
Rolling test	0.5m continuous rolling, 1000 times
Sealing	IP67

## Accessories

Standard	Box*1, machine*1, USB data cable*1, Instruction manual*1, charger*1, wrist strap*1
Optional	Equipment pendant(Used for equipment that requires a fixed position)