

# Sigan SG-F505

Professional Handheld Terminal | Industrial Rugged PDA



## Core Features



*The Sigam SG-F505 is a high-performance industrial handheld terminal designed for demanding enterprise environments. Featuring an octa-core 2.0GHz processor, Android 13 OS, and professional-grade scanning capabilities, it ensures maximum productivity in logistics, warehousing, and manufacturing.*

# Specifications

## Product Specifications

### Performance

Octa Core	
CPU	MT6769 Octa-core 64-bit 2.0GHz high-performance processor (2 ARM@Cortex-A75 cores +6 ARM@Cortex-A55 cores)
RAM+ROM	6GB+64GB(DDR4)
System	Android 13

### Data Communication

WLAN	Dual-band 2.4GHz / 5GHz, Support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v protocol
WWAN	2G:GSM (850/900/1800/1900MHz)
	3G:WCDMA (850/900/1900/2100MHz)
	4G:FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Support Bluetooth5.0+BLE,transmission distance 5-10 meters
GNSS	Support GPS,Galileo, Glonass, Beidou

### Physical Specifications

Dimensions	166 mm × 74.80mm × 20.4mm (The thinnest)
Weight	286g
Display	5.5" IPS color display,resolution 720x1440
TP	Supports multi-touch
Battery capacity	Rechargeable polymer battery (3.8V 5200mAh)
	Standby time > 350 hours
	Working time > 12 hours
	Charging time < 3 hours, use standard power adapter and data cable
Built-in spare battery, hot swappable	
Expansion Card slot	TF+NANO SIM/NANO SIMx2(Choose one of two)
Communication interface	Type-C 2.0 USBx1,Support OTG function
Audio	Speaker (loudness >95db), dual microphone support noise reduction, Receiver
Keypad	Power key, Volume +/- key,Scan key × 2
Sensors	Gravity sensor, Light sensor, Proximity sensor,Barometer (Optional)

### Language/Input Method

Input	English, Pinyin, Five strokes, Handwriting input, Support soft keypad
Language	Chinese, English, Korean, Japanese, Malaysian,etc.

## Data Collection

### Barcode Scanning (Standard)

Barcode Scanning	N6602-W2
1D Symbologies	Code128,EAN-13,EAN-8,Code39,UPC-A,UPC-E,Codabar,Interleaved 2 of 5,China post 25,ISBN/ISSN, Code93,UCC/EAN-128,GS1 Databar,HIBC,etc.
2D Symbologies	PDF417, Micro PDF417,GS1 Composite,Aztec Code,Data Matrix,QR Code, Micro QR Code,MaxiCode,Hanxin Code,etc.

### Camera (Standard)

Rear camera	20MP HD camera,Support auto focus, Flash, Anti-shake, Macro shooting
Front camera	5MP color camera

### NFC (Standard)

Frequency	13.56MHz
Protocol	Support ISO14443A/B, 15693 agreement
Distance	2cm-5cm

### User Environment

Operating temperature	-20°C - 55°C
Storage temperature	-40°C - 70°C
Environment humidity	5%RH--95%RH(no condensation)
Drop specification	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	IP66

### Accessories

Standard	Adapter, Data cable, Protective film, Instruction manual
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