



SG8108S

Industrial Tablet Pc

Industrial and Humanized Hardware Design

Industrial&humanized keypad design and tough 8.0 inch Gorilla Glass 3 touch screen together with high resolution of 1280*800 display shall match high standards in logistics, express and retail.

Quad-Core Processor&Large Memory

Android 10.0 OS with memory of 2GB RAM/16GB ROM or 4GB RAM/64GB ROM shall provide the highly standard experience.

Superior Data Communication and Security Guarantee

Double insurance of 4G &WIFI network and highly secured Android 10.0 system shall provide the high speed data communication and perfect security guarantee;



Using Environment



PHYSICAL CHARACTERISTICS	
Dimension	230mm(H)x146mm(W)x20mm(D)±2 mm
Weight	Net Weight :600g (including battery&wrist strap)
Display	Tough 8.0 in. TFT-LCD(800x1280)touch screen with backlight
Backlight	LED backlight
Expansions	1 PSAM, 1 SIM, 1 TF
Keypads	4 TP keys, 4 function keys
Battery	Rechargeable li-ion polymer, 3.8V,8000mAh
PERFORMANCE CHARACTERSTICS	
CPUCPU	Cortex A73 2.0GHz octa-core
Operating System	Android 10.0
Storage	2GB RAM/16GB ROM or 4GB RAM/64GB ROM, MicroSD(max 256GB expansion)
USER ENVIRONMENT	
Operating Temp	-20°C to 50°C
Storage Temp	-20°C to 70°C
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	1.2 m drop to concrete across the operating temperature range
Sealing	Ip67, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	Handheld-Wireless Software Development Kit
Language	Java
Environment	Android Studio or Eclipse
DATA COMMUNICATION	
WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20; WCDMA (850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2
GPS	GPS(embedded A-GPS),accuracy of 5m

BARCODE READER(OPTIONAL)	
	2D CMOS Imager Honeywell N5703/Others
2D Barcode	Symbologies PDF417, MicroPDF417, Composite, RSS , TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australia Post, Japan Postal, Dutch Postal. etc.
COLOR CAMERA	
Resolution	Rear 13 megapixel, front 5.0 megapixel
Lens	Auto-focus with LED flashAuto-focus with LED flash
RFID READER(OPTIONAL)	
RFID LF	Frequency 125KHz/134.2KHz(FDX-B/HDX) Protocol ISO 11784&11785 R/W Range 2cm to 10cm
RFID HF/NFC	Frequency 13.56MHz Protocol ISO 14443A&15693 R/W Range 2cm to 8cm
RFID UHF	Frequency 865~868MHz or 920~925MHz Protocol EPC C1 GEN2/ISO 18000-6C Antenna Gain Circular antenna(2dBi) R/W Range 1.5 m to 2 m(tags and environment dependent)
PSAM SECURITY(OPTIONAL)	
Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots(maximum)
ACCESSORIES	
Standard	1xPower Supply;1xDC charging cable 1xUSB data cable



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