



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 CHARACTERISTICS	
CPU/CPU	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 m
GPS	GPS(embedded A-GPS), accuracy of 5m

BARCODE READER(OPTIONAL)	
2D Barcode	2D CMOS Imager Honeywell N5703/Others
	Symbologies PDF417, MicroPDF417, Composite, RSS , TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, U S PostNet, US Planet, UK Postal, Australia n Postal, 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

