

S4 PLUS Android Mobile Computer

S4 PLUS serial products extend Handheld-Wireless product serials into Android OS 7.0 with 4G high speed network communication with pistol grip. Inside the compact handheld device, sealing level of IP65 water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, quick- charging technology, large built-in battery of 8000mAh, and 5.0 inch tough Gorilla Glass 3 9H screen are all equipped to ensure performance. Latest 1.3GHz quad-core processor 2GB RAM/16GB ROM and up to 128GB expansion are all designed to boost up experience level.





FEATURES

Extremely Stable Performance

Android 7.0 OS with memory of 2GB RAM/16GB ROM can provide the highly standard experience

High Speed Data Communication

Double insurance of 4G high Speed network and dual-frequency WIFI network can ensure the real-time data communication in different using environment;

Rugged Ergonomic, Over-molding Design with Extremely Stable Hardware Display

Over-molding, ergonomic hardware design and 5.0 inch tough Gorilla Glass 3 9H can satisfy most of the tough environment from different fields;

High Efficiency Operating Style

Mounted pistol grip with built-in battery of 8000mAh can ensure the high efficiency in outdoors environments;

High Accuracy and Long Reading Distance

Optional ThingMagic UHF Reader can guarantee the high reading accuracy and long reading distance;

Highly Customized Structure

'All-in-One' hardware design conception can expand the hardware modules integration based on different project requirements, especially like UHF+HF, UHF+LF; HF+LF;

Quick-Charging

Quick-charging technology can provide the most efficient experience;

Perfect Service

Professional and skillful service involving the whole life cycle can guarantee the stability.

PHYSICAL CHARACTERISTICS	SPECIFICATION	NS		
Net Weight Net Weight : 1000g (including battery)	PHYSICAL CH	ARACTERISTI	CS	
Display 5.0 inch Gorilla Glass 3 9H TFT-LCD(720x1280)touch screen with backlight LED bac	Dimension			
Backlight LED backlight Keypads 3 TP keys. 6 function keys. 4 side buttons	Weight			
Keypads 3 TP keys, 6 function keys, 4 side buttons Expansions 2 PSAM, 1 SIM, 1 TF Battery Rechargeable II-ion polymer, 3.7V, 8000mAh PERFORMANCE CHARACTERSTICS CPU Quad A53 1.3GHz quad-core Operating System Android 7.0 Storage 2GR RAM, 16GB ROM, MicroSD(max 128GB expansion) USER ENVIRONMENT User Environment Poperating Temp. -20°C to 50°C Storage Temp. -20°C to 70°C Humidity 5%RH to 95%RH/(non-condensing) Drop Specifications 5ft.1.5 m drop to concrete across the operating temperature range Sealing IP65. IEC compliance ESD ±15kv air discharge, ±8kv direct discharge DEVELOPMENT ENVIRONMENT SDK HHW Software Development Kit Language Java Environment Android Studio or Eclipse DATA COMMUNICATION WWAN WCDMA(85019002 100MHz); CSM/GPRS/Edge (850900/18001900MHz); CSM/GPRS/Edge (850900/18001900MHz); CSM/GPRS/Edge (850900/18001900MHz); CSM/GPRS/Edge (8	Display			
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Battery Rechargeable II-lon polymer, 3.7V, 8000mAh PERFORMANCE CHARACTERSTICS CPU Quad A53 1.3GHz quad-core Operating System Android 7.0 Storage 2GB RAM, 16GB ROM, MicroSD(max 128GB expansion) USER ENVIRONMENT Operating Temp. 20°C to 50°C Storage Temp. 20°C to 70°C Humidity 5%RRI to 95%RH (non-condensing) Drop Specifications 5ft.1.5 m drop to concrete across the operating temperature range Sealing IP65, IEC compliance SSD 415N air discharge, ±8kv direct discharge DEVELOPMENT ENVIRONMENT SDK HHW 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, 7,17, 20; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); GSM/GPRS/Edge (850/900/1800/1900MHz) WPAN Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0 GPS GPS(embedded A-GPS), accuracy of 5 m DATA CAPTUER BARCODE READER(OPTIONAL) 1D barcode 2D CMOS imager Honeywell N6603	Keypads	3 TP keys, 6 function keys, 4 side buttons		
PERFORMANCE CHARACTERSTICS CPU Quad A53 1.3GHz quad-core Operating System Android 7.0 Storage 2GB RAM, 16GB ROM, MicroSD(max 128GB expansion) USER ENVIRONMENT Operating Temp. 2.0°C to 50°C Storage Temp. 2.0°C to 70°C Humidity 5%RH to 95%RH(non-condensing) Drop Specifications 5ft.1.5 m drop to concrete across the operating temperature range Sealing IP65, IEC compliance SSD ±15kw air discharge, ±8kv direct discharge DEVELOPMENT ENVIRONMENT SDK MHW Software Development Kit Language Java Java Environment Android Studio or Eclipse DATA COMMUNICATION TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 7,17, 20; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); GSM/GPRS/Edge (850/900/1800/1900MHz); Bluetooth v4.0 GPS GPS(embedded A-GPS), accuracy of 5 m DATA CAPTUER BARCODE READER(OPTIONAL) 1D laser engine Symbol SE955/Honeywell N931X 2D barcode 2D KOMOS Imager	Expansions	2 PSAM, 1 SIM, 1 TF		
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2D barcode 2D CMOS Imager Honeywell N6603	1D barcode	1D laser engine		
2D barcode		Symbologies	All major 1D barcodes	
	2D barcode	2D CMOS Imager	Honeywell N6603	
		Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec,	

		MayiCode Destal Codes US DestNot US Dispet UK Destal James Destal Dutch Destal -t-		
COLOR CAM	L EDA	MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Japan Postal, Dutch Postal. etc.		
Resolution	8.0 megapixel			
Lens	Auto-focus with LE	ED flash		
RFID READE	R(OPTIONAL)			
RFID LF	Frequency	125KHz/134.2KHz(FDX-B/HDX)		
	Protocol	ISO 11784&11785		
	R/W Range	2cm to 10 cm		
RFID HF	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(3dBi)		
	R/W Range	Default: 6 m to 7 m(tags and environment dependent)		
		R2000 UHF Reader: 5 m to 7 m(tags and environment dependent)		
		ThingMagic M6E Micro: 6m to 8 m(tags and environment dependent)		
Active 2.45GHz	Read range more	Read range more than 200 m		
433MHz	Read range more than 200 m			
FINGERPRIN	T READER(OP	PTIONAL)		
Sensor	TCS1CT			
Sensor type	Capacitive, area sensor			
Resolution	508 DPI			
Performance	FRR<0.008%, FAR<0.005%			
Capacity	1000			
PSAM SECU	RITY(OPTIONA	AL)		
Protocol	ISO 7816			
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200			
Slot	2 slots(Standard)			
ACCESSORIE	ES			
Standard	1xPower Supply			
	1xLithium Polymer Battery			
	1xDC charging cable			
	1xUSB data cable			
Optional	Carrying case; Cra	Carrying case; Cradle		