

S7--8 inch Industrial Tablet

This serial products extend our product serials into Android OS 7.0 industrial tablet. Inside the compact tablet terminals, sealing level of IP67 water/dust proof, 1.5m/4.5ft drop survival, ergonomic design, over-molding structure, extremely large internal 8000mAh battery, and 8.0 inch tough Gorilla Glass 3 screen are all equipped to ensure performance. Fast 1.5GHz octa-core processor 2GB RAM/16GB ROM and up to 128GB expansion are all designed to boost up experience level.



FEATURES

➤ **Extraordinary Battery Life**

Extremely large internal battery of 8000mAh can ensure long battery in different using environment;

➤ **Rugged Ergonomic and Over-molding Design**

Over-molding and ergonomic hardware design can satisfy most of the tough environment from different fields;

➤ **Extremely Stable Hardware Display**

8.0 inch tough Gorilla Glass 3 9H screen can ensure the performance under different tough environment;

➤ **Highly Customized Structure**

'All-In-One' hardware design conception can expand the hardware modules integration based on different project requirements, especially like 1D/2D+ UHF, UHF+HF, UHF+LF/NFC;

➤ **Highly Integrated and Pre-installed Application**

The highly integrated and pre-installed Scan Server can satisfy most of the solutions obtained from Google Play by the working principle of 'Plug and Play';

➤ **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.

SPECIFICATIONS		
PHYSICAL CHARACTERISTICS		
Dimension	230mm(H)x146mm(W)x18mm(D)±2 mm	
Weight	Net Weight :600g (including battery&wrist strap)	
Display	8.0 in. TFT-LCD(1280x800 or 1920*1200) touch screen with backlight	
Backlight	LED backlight	
Keypads	1 power key, 3 custom keys	
Expansions	1 SIM, 1 TF, 1 PSAM slot	
Battery	Rechargeable li-ion polymer, 3.8V, 8000mAh	
PERFORMANCE CHARACTERSTICS		
CPU	Cortex A53 1.5GHz octa-core	
Operating System	Android 7.0	
Storage	2GB RAM /16GB ROM or 3GB RAM/32GB ROM, Micro SD(max 128GB expansion)	
USER ENVIRONMENT		
Operating Temp.	-20℃ to 50℃	
Storage Temp.	-20℃ to 70℃	
Humidity	5%RH to 95%RH(non-condensing)	
Drop Specifications	5ft./1.5 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, 7, 17, 20; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);	
WLAN	2.4GHz/5.8GHz Dual Frequency, IEEE 802.11 a/b/g/n	
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0	
GPS	GPS(embedded A-GPS), accuracy of 5 m	
DATA CAPTUEER		
BARCODE READER(OPTIONAL)		
1D barcode	1D laser engine	Symbol SE955 or Honeywell N4313
	Symbologies	All major 1D barcodes
2D barcode	2DCMOS Imager	Honeywell N6603
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR

		code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.
COLOR CAMERA		
Resolution	Rear 13 megapixel, front 5.0 megapixel	
Lens	Auto-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 10 cm
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	0m to 2m (tags and environment dependent) Or 0m to 5m (tags and environment dependent)
ACCESSORIES		
Standard	1xPower Supply 1xDC charging cable 1xType-C data cable	
Optional	Charging Cradle	