



Android Mobile Computer X10

Industrial and Humanized Hardware Design

Industrial&humanized keypad design and tough 5.5 inch Gorilla Glass 3 touch screen together with high resolution of 720*1440 display shall match high standards in logistics, express and retail.

Octa-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;



Use environment



SPECIFICATIONS	
PHYSICAL CHARACTERISTICS	
Dimension	166mm(H)x79mm(W)x31mm(D)±2 mm (Not including the shield and pistol grip)
Weight	Net Weight: 600g (including battery&wrist strap)
Display	Gorilla Glass 3 9H 5.5 in. TFT-LCD (720x1440)touch screen with backlight
Backlight	LED backlight
Expansions	1 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.8V, 9000mAh
PERFORMANCE CHARACTERISTICS	
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	-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	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/5.0GHz 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 5 m

DATA CAPTUEER		
BARCODE READER (OPTIONAL)		
	2D CMOS Imager	Zebra SE4710 SE2100/Others
2D barcode	Symbologies	PDF 417, Micro PDF417 , Composite, RSS,TLC-39, Datamatrix , QR code, Micro QR code, Azt ec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal,Japan Postal, Dutch Postal. etc.
COLOR CAMERA		
Resolution	Rear 20 megapixel, front 5.0 megapixel	
Lens	Auto-focus with LED flash	
RFID READER (OPTIONAL)		
Low Frequency	Frequency	125KHz/134.2KHz (FDX-B/HDX)
	Protocol	ISO 11784&11785
	R/W Range	2cm to 10 cm
NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range	5cm to 8cm
UHF	Frequency	865~868MHz or 920~925MHz
	Protocol	EPC C1 GEN2 ISO 18000-6C
	R/W Range	0 m to10.0 m(tags and environment dependent)
	Antenna Gain	Circular antenna(3dBi)
ACCESSORIES		
Standard	1xPower Supply; 1xLithium Polymer Battery 1xDC charging cable; 1xUSB data cable	
Optional	Carrying case; Cradle	