Pegasus AC6712

Android Handheld Terminal

The Ultimate Android Mobile Computer
Intelligence for every purpose

Industries

Restaurant

Super Market

Warehouse

Logistics

Government

Book Store

Medication

Android	NFC	Wifi	Bluetooth	RFID	GPS	1D & 2D

Features:

Industrial and Humanized Hardware Design
Industrial & humanized keypad design and tough 5.5 inch 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.

Physical Characteristics	
Dimension	166mm(h)x79mm(w)x31mm(d)±2 mm
Weight	Net weight : 600g (including battery & wrist strap)
Display	Tough 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 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	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, 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 5 m

Data Capture Barcode Reader (optional)		
2D Barcode	2D CMOS imager	Zebra se4710
	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…

Industries

- Restaurant
- Super Market
- Warehouse
- Logistics
- Government
- Book Store
- Medication

Color Camera		
Resolution	Rear 13 megapixel, front 5.0 megapixel	
Lens	Auto-focus with LED flash	
RFID Reader (optional)		
RFID NFC	Frequency	13.56mhz
	Protocol	ISO 14443a&15693, nfc-ip1, nfc-ip2
	R/w range	2cm to 5cm
RFID UHF	Frequency	865~868mhz or 920~925mhz
	Protocol	EPC c1 gen2/ISO 18000-6c
	Antenna gain	Circular antenna(4dbi)
	R/w range	20 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; 1xlithium polymer battery; 1xtype-c cable	
Optional	Cradle	