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# Pegasus AC6000

Industrial Android Terminal

## Industries

Retail



Healthcare



Warehouse



Logistics



Transport



Manufacture



Tracing



## Accurate & Fast Reading Experience in Every Environment



Android



NFC



Wifi



RFID



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.



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# Specification Sheet

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## PHYSICAL CHARACTERISTICS

Dimension	166mm(H)x79mm(W)x18mm(D)±2 mm
Weight	Net Weight :360g (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, 4800mAh

## 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°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, 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

## 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.

Lens	Auto-focus with LED Flash
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## RFID READER (OPTIONAL)

RFID NFC	Frequency	13.56MHz
	Protocol	ISO 14443A&15693, NFC-IP1, NFC-IP2
	R/W Range	2cm to 5cm

## PSAM SECURITY (OPTIONAL)

Protocol	ISO 7816
Baudrate	9600, 19200, 38400,43000, 56000, 57600, 115200
Slot	2 slots (maximum)