C5000 Android Mobile Computer

C5000 serial products extend Handheld-Wireless product serials into Android OS 5.1.1 with 3G network communication. 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, and 5.0 inch tough Gorilla Glass 3 screen are all equipped to ensure performance. Latest 1.3GHz quad-core processor 2GB RAM/16GB ROM and up to 32GB expansion are all designed to boost up experience level.

FEATURES

Extremely Stable Performance

Android 5.1.1 OS with memory of 2GB RAM/16GB ROM can provide the highly standard experience

High Speed Data Communication

Double insurance of 3G network and WIFI network can ensure the real-time data communication 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

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

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	170mm(H)x85mm(W)x23mm(D)±2 mm	
Weight	Net Weight :370g (including battery&wrist strap)	
Display	Gorilla Glass 3 9H 5.0 in. TFT-LCD(720x1280)touch screen with backlight	
Backlight	LED backlight	
Keypads	3 TP keys, 6 function keys, 4 side buttons	
Expansions	2 PSAM, 1 SIM, 1 TF	
Battery	Rechargeable li-ion polymer, 3.7V, 4500mAh	
PERFORMANCE CHARACTERSTICS		
CPU	Quad A53 1.3GHz quad-core	
Operating System	Android 5.1.1	
Storage	2GB RAM, 16GB ROM, MicroSD(max 32GB 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	HHW Software Development Kit	
Language	Java	
Environment	Android Studio or Eclipse	
DATA COMMUNICATION		
WWAN	WCDMA(850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);	
WLAN	2.4GHz, IEEE 802.11b/g/n	
WPAN	Bluetooth v4.0 BLE	
GPS	GPS(embedded A-GPS), accuracy of 5 m	
DATA CAPTUER		
BARCODE READER(OPTIONAL)		
1D barcode	1D laser engine	Symbol SE955
	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, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal.

		etc.
COLOR CAMERA		
Resolution	8.0 megapixel	
Lens	Auto-focus with LED flash	
RFID READER(OPTIONAL)		
RFID HF	Frequency	13.56MHz
	Protocol	ISO 14443A&15693
	R/W Range	2cm to 8cm
FINGERPRINT READER(OPTIONAL)		
Sensor	TCS1ST	
Sensor type	Capacitive, area sensor	
Resolution	508 DPI	
Performance	FRR<0.008%, FAR<0.005%	
Capacity	1000	
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; 1xDC charging cable; 1xUSB data cable	
Optional	Carrying case; Cradle	

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the
condition that this device does not cause harmful interference

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is **0.060W/Kg** and when worn on the body, as described in this user guide, is **0.244W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and

FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on **FCC ID: 2AKFLC5000**

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.
This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 5 mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.