Product: Core Tab UHF Android Tablet

Overview

The UHF CoreTab is a new generation of industrial tablet PC for mobile networking.

It adopts Android 5.1 operation system; combines multiple service functions; 7 inch LCD screen and visible under strong sunlight; 7000mAh rechargeable Lithium battery; 8 million pixel rear camera with auto focus and 2 million pixel front camera; support max 32G TF external storage. CoreTab is an internet information terminal which has advanced technology, powerful function and reliable performance.

CoreTab has passed IP67 protection grade and 1.2m drop resistance so it can meet all kinds of outdoor operational requirements from the users.

Key features & benefits:

- Android 5.1 operating system
- Military quality meet IP67 three protection grade
- 7 inch 1280x800 IPS LCD screen, capacitive touch screen; support gravity sensor and compass
- Multi-function data acquisition configuration: 1D/2D bar code scanning, RFID reader, fingerprint identification
- 4G communication and support WCDMA/HSDPA/HSUPA 850/1900/2100MHz; GSM/GPRS/EDGE 850/900/1800/1900MH
- Long life battery: 3.7V, 7000mAh battery capacity
- Support professional GPS location
- Compatible design of broadband communication and wireless communication Application
  With the continuous development of Internet of things (IOT), the application of Android handset has been widely used such as inspection, gas, water affairs, logistics, medical treatment, government affairs, police affairs, electric power, communication, forestry, traceability and other field

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General Specifications	
Operating System	Android 4.4 OS
Hardware Platform	Qualcomm MSM8916, A53, Quad core CPU, 1.2GHz
CPU	1.2GHz, Quad core
RAM	RAM: 2 GB
	FLASH: 16 GB
Extended Storage	Micro SD, Maximum 32 GB
Ports	USB port: 5 pin MicroUSB; support OTG (Ethernet port/OTG Simplex)

Protection Grade	
Industrial Protection Grade	IP67
Drop Grade	Drop resistance from 1.2m

Wireless Communication	
Bluetooth:	V2.1, EDR+A2DP
GPS	Provide independent GPS module interface
Wi-Fi	Support IEEE 802.11b/g/n

4G	FDD/WCDMA/GSM
	   LTE_FDD B1/B3/B7 LTE_TDD B41/B40
	   WCDMA B1//B2/B5
	   GSM 900/1800/1900

Data Acquisition	
1D Barcode Scanning (optional)	built in 1D CCD SE655 (motorola/zebra) Barcode scanner, scans all 1D barcodes
2D Barcode Scanning (optional)	built in 1D/2D Barcode scanner, scans all 1D and 2D barcodes
UHF 840-960MHz (optional)	EPC C1 GEN2/ISO18000－6C Upto 5 meter. (tags, size and environment dependant)
Fingerprint Identification System (optional)	support the fingerprint recognition interface; support fingerprint unlock

Physical Parameters	
Display Screen	7 inch 1280x800 IPS touchable LCD screen
Keyboard	Home, Menu, Return, ON/OFF, Volume, Reset, Barcode
Camera	2 million pixels front camera, 8 million pixels rear camera
Headset	General earphone interface
Vibration	With Vibration prompt function
The acceleration Sensor	Support
Flashlight function	Can be used for emergency lighting
Rechargeable Lithium Battery	3.7V, 7000mAh
Standby	More than 700 hours of continuous standby.
Dimensions	160mm*190mm*20mm
Weight	750G

Environmental Characteristics	
Working Temperature	-20℃ ~ +50℃
Storage Temperature	-40℃ ~ +60℃
Humidity	5%-95% relative humidity; no condensation

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