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# RUGGED TABLET PC (Model NO. :CTFPND-8)

Waterproof /Dustproof/Dropproof/Full function/Hi-Rel/Low-Power/Extensible



## Introduction

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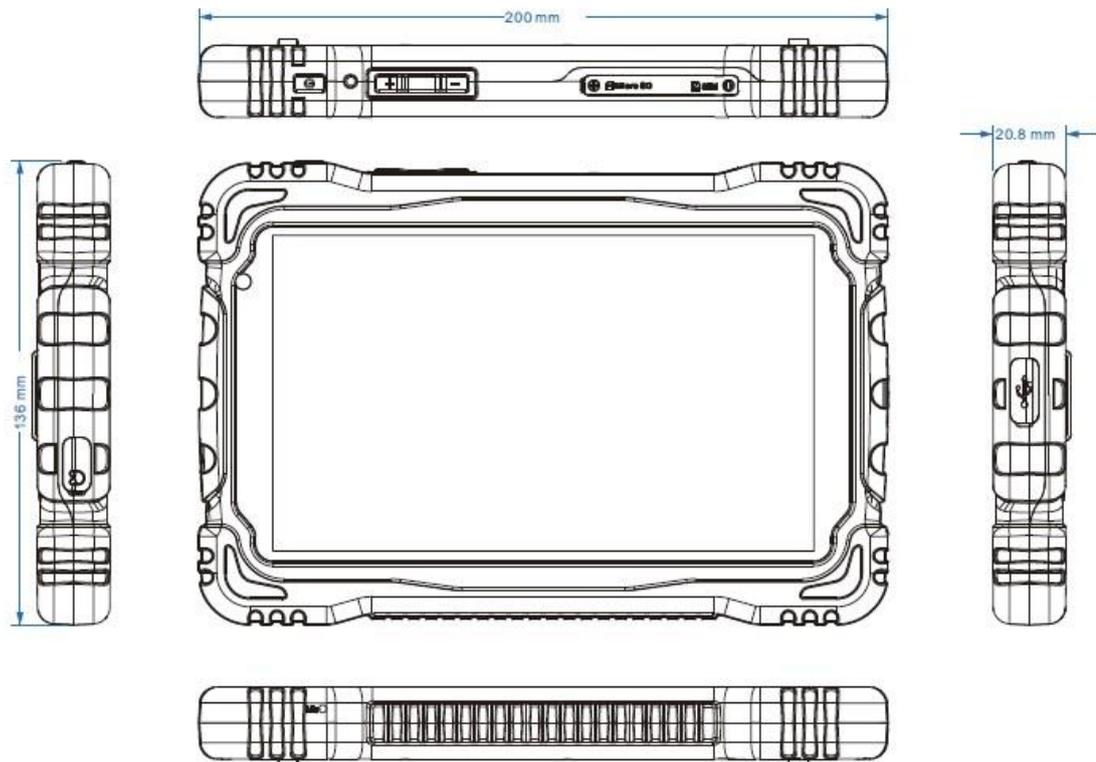
CTFPND-8 tablet pc is with the current 7-inch tablet three anti-industrial-grade IP67 rated in the highest standard of protection, the use of aluminum alloy internal frame with 1.2mm tempered glass touch screen, you can spot the wild through a rigorous three anti-testing, internal frame it is able to withstand four feet (1.2 m) drop at any angle, waterproof, dustproof, drop, scratch, is expected to reach MIL-STD-810G military standards. In addition, to facilitate the expansion of enterprise customers, products, internal circuitry also set aside a standard data interface, you can easily Beidou navigation, RFID, barcode scanning, fingerprint recognition, second generation ID card identification, nfc, identification card and other related enterprise application module expansion.

## Hardware

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**CPU:** 1. G Hz x Cortex A core  
**RAM/ROM TWO-IN-ONE :**1G+4G EMCP  
**Display :** 7 7inch IPS/AFFS 1024x600  
luminance :400CD/M<sup>2</sup> Sunlight Readable  
**Touch Panel :** Capacity multi-touch panel 5 points  
touch capacity screen / toughened glass TP  
**Basic Function :** 2G/3G/BT/GPS/WIFI/FM/ Axis  
Accelerometer Sensor/Orientation Sensor  
Gravity Sensor/Linear Acceleration Sensor  
Rotation Vector Sensor/Magnetic Field  
Sensor/Gyroscope Sensor  
**Extensible Function :** Fingerprint Reading/ RFID/  
Beidou Navigation/high precision sub-meter  
GPS/2nd-Generation ID Card Reading / Zigbee.

## Dimension



Specification	
The progress of products	MP
CarTFT.com Model No.	CTFPND-8
CPU	MTK6589 1.2G Hz x4 Cortex A7 Quad Core
GPU	Power VR SGX544 MP2
RAM/ROM TWO IN ONE	1G LPDDR2 /4G EMCP
Storage(Optional)	8GB-64GB(CLASS10 TF inside)
Display	7inch IPS/AFFS 1024x600 luminance :400CD/M <sup>2</sup> Sunlight Readable
Touch Panel	Capacity multi-touch panel 5 points touch capacity screen / toughened glass TP
3G	WCDMA/GSM/HSPDA 14. 4m
call	YES
Band 2G STANDARD	2G:850/900/1800/1900
Band 3G STANDARD	3G:Band1、 Band5
Band 3G (custom)	3G:Band2、 Band5
Band 3G (custom)	3G:Band2、 Band8
WIFI (Wifi Direct)	802. 11B/G/N

MESSAGES	YES	
MMS	YES	
Bluetooth	YES 4.0	
GPS	YES	
Axis Accelerometer Sensor	YES	
Orientation Sensor	YES	
Gravity Sensor	YES	
Linear Acceleration Sensor	YES	
Rotation Vector Sensor	YES	
Magnetic Field Sensor	Optional	
Gyroscope Sensor	Optional	
Beidou navigation	Optional	
Wireless charging	Optional	
RFID	Optional	
AGPS	YES	
FM RADIO	YES	
Front Camera	2.0M	
Back Camera	8.0M (AF) [5.0M before April 2015]	
Battery	10000MAh	
Speaker	Built-in single loud speaker	
Headphone	3.5mm stereo jack	
MIC	Internal MIC-phone	
SD / MMC	TF slot, capacity up to 32GB	
SIM-Card	Yes	
Car Charger	5V, 2A, Mico USB	
Video Performance	Video Decoding Format: H.264, MPEG4, H.263 Support File Format: RM, RMVB, AVI, MPEG4, FLV, 1080P	
Operating System	Android OS 4.2	
Serial port	RS232/TTL 3.3V X1/GPIO 3.3V X1/200ma VBT X2	
Internal space	32mmx32mmx5mm X2	
Environmental test	<b>Shake-proof</b>	1-19Hz/1.0mm ;19-200Hz/1.0g
	<b>Drop-proof</b>	MIL-STD-810G/Method516.6/Procedure IV
	<b>Water-proof</b>	Class 6
	<b>Dustp-roof</b>	Class 6
	<b>Soundness</b>	MTBF>50000h; MTTR<0.5h
		Operating ambient temperature: (-20° to 60° C)
		Nonoperating temperature: (-40° to 80° C)
		Relative humidity: 5% to 95% noncondensing
	Maximum operating altitude: 15,000 feet (4500 m)	