



Rugged waterproof Industrial data collector ANDROID with IP67 standard - MobiPad CTX-505 v.1

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Android 6.0
Display:	5" (720x1280) IPS Gorilla Glass 3 capacitive
Brightness:	-----
Processor:	Arm Cortex Quad-Core 1.3 GHz
Memory:	1GB
Hard Drive:	-----
Flash Memory:	8GB
Touch screen:	Yes
Durability:	IP67
Drop:	1.5 meters
Shock:	-----
Vibration:	-----

Temperature:	Operating temperature: -10°C -- +50°CStorage temperature: -20°C -- +70°C
Humidity:	5% - 95% (no condensation)
1D barcode scanner (reader):	lack(available in other version)
2D barcode scanner (reader):	lack(available in other version)
RFID scanner (reader):	NFC 13.56 MHz
Other:	-----
Battery:	5000mAh Li-Ion
Working time on battery:	>12 hours
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	No
WLAN:	Dual Band 802.11 a/b/g/n 2.4G oraz 5.0G
Bluetooth:	Bluetooth 4.0
WAN:	4G/3G/GPRS GSM 850/ 900/ 1800/ 1900WCDMA B1/ B2/ B4/ B5/ B8FDD-LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B20/ B28TDD-LTE B38/ B39/ B40/ B41
GPS:	Built-in
Camera:	Rear: 13Mpx (Auto Focus)
In/Out:	1 x USB-Type C, 1 x AudioJack , 1 x Micro SD, 2 x Nano SIM
Optional accessories:	-----
Docking station connector:	No
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	-----
Chipset:	-----

BIOS:	-----
Casing material:	high quality plastic and rubber
Flash Card Reader:	microSD (max. 64GB)
CD/DVD:	-----
Audio:	AudioJack : Built-in Speaker : Microphone
Keyboard:	On-screen
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IP67
Sand and dust:	IP67
Size:	153 × 76 × 17mm- 250g
Fanless casing:	Yes

Product from the Archive - production finished

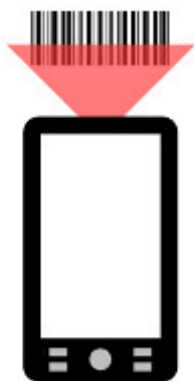


Industrial waterproof MobiPad CTX-505, its 5 inch data collector adapted to work in harsh environment. Device passed specialist tests and obtain high norms of durable and resistant like **IP67** and **drop up to 1.5m**.



Processor	Cortex Quad-Core 1.3 GHz
Display	5" (720x1280) IPS Gorilla Glass 3 Capacitive
RAM Memory	1GB
Flash Memory	8GB
Connectors	USB-Type C Micro SD(TF) 2x Nano SIM
GPS	GPS
Audio	AudioJack Speaker Microphone
Camera	Rear: 13Mpx (Auto-Focus)
Battery	5000mAh Li-Ion
Keyboard	On-Screen + functional buttons
Environment	Android 6.0
Modules	4G WiFi Bluetooth 4.0 GPS NFC
Weight and Dimensions	250g 153mm*76mm*17mm
Resistance	IP67
Readers	1D (Laser) Honeywell N4313 - optional
	2D (CMOS) Honeywell N3680 - optional





Barcode scanner, its one of the basic industrial modules increase efficiency of work in places where barcodes are using. Thanks to technology development modern readers are more **efficient** and **precise**. In waterproof industrial **MP CTX-505** data collector can be mounted barcode scanners like:

» 1D (Laser) Honeywell N4313

» 2D (CMOS) Honeywell N3680



NFC (Near Field Communication), its a wireless communication standard that allows to data transfers up to several centimeters. This technology is slowly becoming a standard and appears in a growing number of devices, expecially mobile.

Reading distance	from 3 to 5 cm
Frequency	13.56 MHz
Supported card standard	Mifare
Supported standards	ISO14443A ISO15693
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One of the important element which strengthens construction of the **shockproof MP-CTX-505 data collector** is hardened glass **Gorilla Glass 3** providing better protection of display. This solution makes that screen is **less susceptible** for **scratch** and **tension** relative to normal glass.

IP67 norm is granted to devices which pass series of specialist tests exploring their **durability** for dust and water. IP norm consists of two digits. First means the level of dust resistance, second to water.

Full specification of IP norms.

The first digit [x] Protection against solid objects			The second digits [y] Protection against liquids		
No special protection	0		0	No waterproofing	
Protection from solid objects greater than 50mm in diameter	1		1	Protection from dripping water	
Protection from object not greater than 12mm in diameter	2		2	Protection from vertically dripping water (tilted up to 15°)	
Protection from object not greater than 2,5mm in diameter	3		3	Protection from sprayed water (tilted up to 60°)	
Protection from object not greater than 1mm in diameter	4		4	Protection from splashed water	
Complete protection against contact, Protection against dust deposit	5		5	Protection from water projected from a nozzle	
Complete protection against contact, Protection from infiltration of dust	6		6	Protection against heavy seas, or powerful jets of water	
			7	Protection against immersion in water up to 1m for 30 minutes	



Dustproof data collector **MobiPad CTX-505** might be equipped with a number of wired and wireless data transferable components and location. In standard device has **WiFi** and **Bluetooth** for easy data transfer and high accuracy **GPS** to determine your position. Additionally, it has a **4G** module (after setting SIM card to slot) making possible to wireless connection to Internet. Additional speaker and microphone allow making voice calls.

4G	4G/3G/GPRS
	GSM 850/ 900/ 1800/ 1900, WCDMA B1/ B2/ B4/ B5/ B8
	FDD-LTE B1/ B2/ B3/ B4/ B5/ B7/ B8/ B20/ B28
	TDD-LTE B38/ B39/ B40/ B41
	The ability to make voice calls
GPS	Yes
Bluetooth	Bluetooth 4.0
WiFi	Dual-band 802.11 a/b/g/n 2.4G oraz 5G
Camera	Rear: 13Mpx (Auto-Focus)

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You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disappears when you have **MobiPad CTX-505**. The device weighs just 250g and its dimensions (153 x 76 x 17mm) allow you to take this device everywhere.

Dimensions	153 × 76 × 17mm
Weight	250g
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Trade and Services



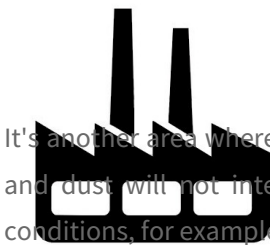
Sales representatives often offer more produtcs so its difficult to have all of them with You. In this situation thanks rugged data collector all products, their prices, availability and apperance can be present by mobile vendor.

Architecture



Hard conditions on the construction site its a nightmare for miost devices. High pollination an other adverse environmental factors make it almost impossible for them to work. This does not apply to the industrial data collector MobiPad CTX-505, which thanks rugged rates can handle them in extreme conditions.

Industry



It's another area where CTX-505 will take full advantage of its potential. High level of humidity, temperature fluctations, water and dust will not interfere with his work. Extremely durable makes that data collector can be use in places with hard conditions, for example in cold room and sawmill.

Warehouse



