



Rugged waterproof Industrial data collector ANDROID with IP67 standard - MobiPad CTX-505 v.6

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Category:</b>         | UMPC - Ruggedized                            |
| <b>Manufacturer:</b>     | Mobilator                                    |
| <b>Operating System:</b> | Android 6.0                                  |
| <b>Display:</b>          | 5" (720x1280) IPS Gorilla Glass 3 capacitive |
| <b>Brightness:</b>       | -----                                        |
| <b>Processor:</b>        | Arm Cortex Quad-Core 1.3 GHz                 |
| <b>Memory:</b>           | 2GB                                          |
| <b>Hard Drive:</b>       | -----                                        |
| <b>Flash Memory:</b>     | 16GB                                         |
| <b>Touch screen:</b>     | Yes                                          |
| <b>Durability:</b>       | IP67                                         |
| <b>Drop:</b>             | 1.5 meters                                   |
| <b>Shock:</b>            | -----                                        |
| <b>Vibration:</b>        | -----                                        |

|                                                    |                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Temperature:</b>                                | Operating temperature: -10°C -- +50°CStorage temperature: -20°C -- +70°C                                                          |
| <b>Humidity:</b>                                   | 5% - 95% (no condensation)                                                                                                        |
| <b>1D barcode scanner (reader):</b>                | lack(available in other version)                                                                                                  |
| <b>2D barcode scanner (reader):</b>                | <b>Honeywell N3680</b>                                                                                                            |
| <b>RFID scanner (reader):</b>                      | <b>NFC 13.56 MHz</b>                                                                                                              |
| <b>Other:</b>                                      | -----                                                                                                                             |
| <b>Battery:</b>                                    | 5000mAh Li-Ion                                                                                                                    |
| <b>Working time on battery:</b>                    | >12 hours                                                                                                                         |
| <b>Fast battery replacement ability:</b>           | Yes                                                                                                                               |
| <b>HotSwap battery:</b>                            | No                                                                                                                                |
| <b>LAN:</b>                                        | No                                                                                                                                |
| <b>WLAN:</b>                                       | Dual Band 802.11 a/b/g/n 2.4G oraz 5.0G                                                                                           |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0                                                                                                                     |
| <b>WAN:</b>                                        | 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 |
| <b>GPS:</b>                                        | Built-in                                                                                                                          |
| <b>Camera:</b>                                     | Rear: 13Mpx (Auto Focus)                                                                                                          |
| <b>In/Out:</b>                                     | 1 x USB-Type C, 1 x AudioJack , 1 x Micro SD, 2 x Nano SIM                                                                        |
| <b>Optional accessories:</b>                       | -----                                                                                                                             |
| <b>Docking station connector:</b>                  | No                                                                                                                                |
| <b>VESA standard – holders and mounts support:</b> | -----                                                                                                                             |
| <b>COM port:</b>                                   | -----                                                                                                                             |
| <b>Magnetic card reader (MSR):</b>                 | -----                                                                                                                             |
| <b>Microchip card reader:</b>                      | -----                                                                                                                             |
| <b>Contrast:</b>                                   | -----                                                                                                                             |
| <b>Graphics card:</b>                              | -----                                                                                                                             |
| <b>Chipset:</b>                                    | -----                                                                                                                             |

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

**Product from the Archive - production finished**

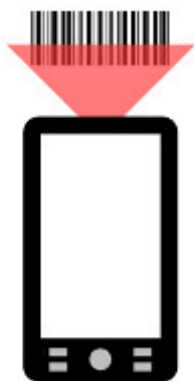


**Industrial waterproof MobiPad CTX-505**, its 5 inch data collector adapted to work in harsh environment. Device passed specialist tests and obtain high norms of durable and resistant like **IP67** and **drop up to 1.5m**.



|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Processor             | Cortex Quad-Core 1.3 GHz                         |
| Display               | 5" (720x1280) IPS   Gorilla Glass 3   Capacitive |
| RAM Memory            | 2GB                                              |
| Flash Memory          | 16GB                                             |
| 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                        |





**Barcode scanner**, its one of the basic industrial modules increase efficiency of work in places where barcodes are using. Thanks technology development modern readers are more **efficient** and **precise**. In waterproof industrial **MP CTX-505** data collector can be mount 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]<br>Protection against solid objects                   |   |  | The second digits [y]<br>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 depth 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.

|                  |                                                    |
|------------------|----------------------------------------------------|
| <b>4G</b>        | 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                    |
| <b>GPS</b>       | Yes                                                |
| <b>Bluetooth</b> | Bluetooth 4.0                                      |
| <b>WiFi</b>      | Dual-band 802.11 a/b/g/n 2.4G oraz 5G              |
| <b>Camera</b>    | Rear: 13Mpx (Auto-Focus)                           |

go



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 | 166 × 68 × 28mm |
| Weight     | 260g            |
| go         |                 |

### Trade and Services



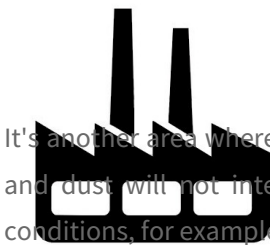
Sales representatives often offer more produtcs so its difficult to have all of them with You. In this situation thanks rugged data collector all products, their prices, availability and apperance can be present by mobile vendor.

### 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



