



Industrial data collector MobiPad Z352CK  
NFC RFID



|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Category:</b>         | UMPC - Ruggedized                    |
| <b>Manufacturer:</b>     | Mobilator                            |
| <b>Operating System:</b> | Android 4.2                          |
| <b>Display:</b>          | 3.5 (320 x 480px)                    |
| <b>Brightness:</b>       | ~300Nit                              |
| <b>Processor:</b>        | MTK 6572 Cortex-A7 (2x 1.2GHz)       |
| <b>Memory:</b>           | 512MB                                |
| <b>Hard Drive:</b>       | -----                                |
| <b>Flash Memory:</b>     | 4GB                                  |
| <b>Touch screen:</b>     | Yes - Capacitive                     |
| <b>Durability:</b>       | IP65                                 |
| <b>Drop:</b>             | -----                                |
| <b>Shock:</b>            | -----                                |
| <b>Vibration:</b>        | -----                                |
| <b>Temperature:</b>      | Operating temperature: -20°C -- 55°C |

|                                                    |                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Humidity:</b>                                   | 5% - 95%                                                                      |
| <b>1D barcode scanner (reader):</b>                | No (available in other configuration)                                         |
| <b>2D barcode scanner (reader):</b>                | No (available in other configuration)                                         |
| <b>RFID scanner (reader):</b>                      | NFC 13.56MHz, Support ISO14443A, ISO14443B, ISO 15693, MIFARE write/read mode |
| <b>Other:</b>                                      | <b>Built-in Thermal printer</b>                                               |
| <b>Battery:</b>                                    | 3.7V 3000mAh Lithium                                                          |
| <b>Working time on battery:</b>                    | 10-15h                                                                        |
| <b>Fast battery replacement ability:</b>           | No                                                                            |
| <b>HotSwap battery:</b>                            | No                                                                            |
| <b>LAN:</b>                                        | No                                                                            |
| <b>WLAN:</b>                                       | IEEE 802.11 b/n/g                                                             |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0                                                                 |
| <b>WAN:</b>                                        | 3G (WCDMA 2100Mhz)2G (GSM/GPRS)                                               |
| <b>GPS:</b>                                        | Tak                                                                           |
| <b>Camera:</b>                                     | <b>Rear : 2Mpx</b>                                                            |
| <b>In/Out:</b>                                     | Micro SDMicro USBSIM                                                          |
| <b>Optional accessories:</b>                       | -----                                                                         |
| <b>Docking station connector:</b>                  | No                                                                            |
| <b>VESA standard – holders and mounts support:</b> | No                                                                            |
| <b>COM port:</b>                                   | No                                                                            |
| <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>              | micro SD                        |
| <b>CD/DVD:</b>                         | -----                           |
| <b>Audio:</b>                          | Built-in microphone and speaker |
| <b>Keyboard:</b>                       | Alphanumeric                    |
| <b>Additional Navigation Devices :</b> | -----                           |
| <b>Color:</b>                          | Black or Blue                   |
| <b>Swivel Hinge:</b>                   | -----                           |
| <b>VGA out:</b>                        | No                              |
| <b>TV Out:</b>                         | -----                           |
| <b>TV Tuner:</b>                       | -----                           |
| <b>Security:</b>                       | -----                           |
| <b>Waterproof:</b>                     | IPx5                            |
| <b>Sand and dust:</b>                  | IP6x                            |
| <b>Size:</b>                           | 209mm x 83mm x 49mm - 508g      |
| <b>Fanless casing:</b>                 | Yes                             |

## Product from the Archive - production finished



### Fast and efficient barcode scanning

The MobiPad Z352CK industrial data collector can be equipped with the latest generation 1D or 2D code reader, performance when reading barcodes.



### Built-in, professional NFC reader

The built-in NFC module supports read and write of all standard protocols: ISO14443A, ISO14443B, ISO 15693 and Sony FeliCa MIFARE.



### Safe and comfortable operating system

MobiPad Z352CK is equipped with an intuitive operating system Android 4.2, supported by dual-core processor MTK and 512MB RAM.



### Fast and easy to use thermal printer

Built-in thermal printer allows you to print receipts, receipts, or labels where you can not use large stationary printers.

## Specification

## The collection and processing of data

## Resistance

## Modules and wireless networks

## Application

## Minimalism and comfort

Industrial data collector MobiPad Z352CK has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP65 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

## Specification

|                  |                                 |
|------------------|---------------------------------|
| Processor        | MTK 6572 Cortex-A7 (2x 1.2GHz)  |
| RAM              | 512MB                           |
| Flash memory     | 4GB                             |
| Connectors       | Micro SD   Micro USB   SIM      |
| Camera           | Front: 2Mpx (optional)          |
| Display          | 3.5 (320 x480px) Capacitive     |
| Camera           | Rear: 8Mpx   Front: 2Mpx        |
| GPS              | Yes                             |
| Audio            | Built-in speaker and microphone |
| Battery          | 3.7V 3000mAh Lithium            |
| Keyboard         | Alphanumeric                    |
| Operating system | Android 4.2                     |

|            |                                                     |
|------------|-----------------------------------------------------|
| Modules    | Bluetooth   Wi-Fi   GPS/GLONASS   3G/4G             |
| Readers    | NFC   Scanner 1D (optional)   Scanner 2D (optional) |
| Dimensions | 209mm x 83mm x 49mm                                 |
| Weight     | 508g                                                |
| Resistance | IP65                                                |

Check "Available versions" tab to see available configurations of this device. To get more information about this product click "**Ask about the product**" or use the [Contact form](#).



MobiPad Z352CK is offered with the latest, dual core MTK 6572 processor to ensure the highest performance, low power consumption and long battery life. The data collector works with Android 4.2 operating system to meet the growing requirements in industrial applications.



## Select the version dedicated to yourself

Select a version tailored to your needs. Clicking on the hardware number configurations will redirect you to the product with parameters listed below. At the customer's request can be created configurations which are not available in the offer. Detailed parameters are available in the "Technical Data".

|                     | NFC | Camera 2Mpx | 1D Mindeo | 2D Newland |
|---------------------|-----|-------------|-----------|------------|
| <a href="#">v.1</a> |     |             | —         | —          |
| <a href="#">v.2</a> |     | —           |           | —          |
| <a href="#">v.3</a> |     | —           | —         |            |

## The collection and processing of data

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### Barcode Scanner

Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable to carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.



### Printer

MobiPad A355 with built-in thermal printer is designed to work in the field, where it can be used to print receipts and receipts. A small number of moving parts and a robust

design ensure trouble-free operation even in the harshest conditions. The use of thermal printing technology eliminates the need for expensive ink or toner. No matter how many pages will be printed pages - ink in the printer does not run out.

58 mm

80 mm/s



|                 |         |
|-----------------|---------|
| Printing method | Thermal |
| Paper width     | 57mm    |
| Printing speed  | 80mm/s  |

**NFC**

is a set of communication protocols that enable two electronic devices, one of which is usually a portable device such as a smartphone, to establish communication by bringing them within 4 cm (1.6 in) of each other. NFC devices are used in contactless payment systems, similar to those used in credit cards and electronic ticket smartcards and allow mobile payment to replace/supplement these systems.



|               |                                           |
|---------------|-------------------------------------------|
| Frequency     | 13.56MHz                                  |
| Protocols     | ISO 14443A, ISO 14443B, ISO 15693, MIFARE |
| Read distance | 5cm                                       |

## Resistance

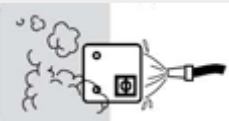
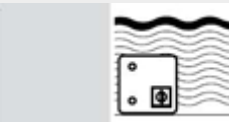
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### Resistance IP65

|                  |           |
|------------------|-----------|
| Work temperature | -20 to 55 |
| Humidity         | 5% - 95%  |
| Dust resistance  | IP6x      |
| Water resistance | IPx5      |

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or the IEC. The system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is

usually followed by two digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 while water-resistance goes from 0 to 8.

|                                                                                |   |                                                                                     |   |                                                                                                                  |
|--------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------|
| No protection                                                                  | 0 |    | 0 | No protection                                                                                                    |
| Protection against any large surface of the body, such as the back of a hand   | 1 |    | 1 | Protection against vertically dripping water                                                                     |
| Protection from object > 12mm, e.g. Fingers or similar objects                 | 2 |    | 2 | Protection against vertically dripping water when device is tilted at an angle up to 15 degrees                  |
| Protection from object > 2.5mm, e.g tools, thick wires, etc.                   | 3 |    | 3 | Protection against direct sprays of water when device is tilted at an angle up to 60 degrees                     |
| Protection from object > 1mm, e.g. most wires, slender screws, large ants etc. | 4 |   | 4 | Protection from sprays and splashing of water in all directions                                                  |
| Dust protected - Ingress of dust is almost entirely prevented.                 | 5 |  | 5 | <b>Protection from low pressure water projected from a nozzle with a 6.3mm diameter opening in any direction</b> |
| <b>Dust tight - No ingress of dust, complete protection against contact.</b>   | 6 |  | 6 | Protection from water projected in powerful jets from a nozzle with a 12.5mm diameter opening in any direction   |
| —                                                                              | 7 |  | 7 | Protected from immersion in water with a depth of up to 1 meter (or 3.2ft) for up to 30 mins                     |
| —                                                                              | 8 |  | 8 | Protected from immersion in water with a depth of more than 1 meter                                              |

## Battery at its best

The high quality Lithium battery provides a very long operating time under severe temperature conditions. With MobiPad Z352CK, you can work outdoors at temperatures up to -20°C.

## Modules and wireless networks

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Real-time data access to the right information is very important to mobile users. MobiPad Z352CK offers 3G, GPS, WiFi 802.11 b/g/n and Bluetooth 4.0 which enable users to get connect in the way that best suits their needs.

The latest WiFi wireless module operating in 802.11n provides a very fast and secure communication with the kolektor danych such as a router, providing a fast and convenient web browsing, smooth playback of HD video.



Thanks to the WCDMA module, you only need to insert a SIM card in the slot and you are able to instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal 3G module used in MobiPad Z352CK adjusts automatically to transfer and network coverage.

|           |               |
|-----------|---------------|
| Wi-Fi     | 802.11 b/g/n  |
| GPS       | GPS           |
| Bluetooth | Bluetooth 4.0 |

|             |                                        |
|-------------|----------------------------------------|
| WWAN        | 3G: (WCDMA: 2100Mhz)<br>2G: (GSM/GPRS) |
| Phone calls | Yes                                    |

## Application

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Industrial data collector MobiPad Z352CK is specifically designed for use in harsh industrial environments, as well as on the outside. Resistant plastic housing protects the display from the outside against mechanical damage, drops of water, sand and dust. MobiPad Z352CK is the best solution in conditions where there is dust or moisture.



Data collectors in the form of tablets and smartphones, thanks to its functionality and the ability to install in them a number of modules have been used in almost all fields of industry and not only. Collectors equipped with barcode scanners and RFID are primarily used in warehouses where, thanks to them, time-consuming activities will no longer be a problem. In turn, NFC readers can be used in both the smaller and larger stores as a payment card reader, making the payment becomes fast and convenient as never before.

## Minimalism and comfort

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You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, this problem disappears forever with MobiPad Z352CK. The device weighs just 508g and its dimensions (209mm x 83mm x 49mm) allow you to take this device everywhere.

You can find more photos of this device in [Gallery](#). Specification of the given version is available in the [Technical data](#) tab.

