



Industrial Data Collector MobiPad Cruiser  
2D Android 7.1 v.4



|                          |                                           |
|--------------------------|-------------------------------------------|
| <b>Category:</b>         | UMPC - Ruggedized                         |
| <b>Manufacturer:</b>     | Mobilator                                 |
| <b>Operating System:</b> | Android 9.0                               |
| <b>Display:</b>          | 5.2"   IPS   Capacitive 1920x1080 Full HD |
| <b>Brightness:</b>       | -----                                     |
| <b>Processor:</b>        | Cortex-A53 Octa-Core 1.8GHz               |
| <b>Memory:</b>           | <b>4GB</b>                                |
| <b>Hard Drive:</b>       | -----                                     |
| <b>Flash Memory:</b>     | <b>32GB</b>                               |
| <b>Touch screen:</b>     | Yes                                       |
| <b>Durability:</b>       | IP67                                      |
| <b>Drop:</b>             | 1.5m                                      |
| <b>Shock:</b>            | -----                                     |
| <b>Vibration:</b>        | -----                                     |
| <b>Temperature:</b>      | Operating temperature: -20°C -- +50°C     |

|                                                    |                                                                                                                                                                                                            |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Humidity:</b>                                   | 5% - 95% (non condensing)                                                                                                                                                                                  |
| <b>1D barcode scanner (reader):</b>                | -----                                                                                                                                                                                                      |
| <b>2D barcode scanner (reader):</b>                | Honeywell N6603 OEM                                                                                                                                                                                        |
| <b>RFID scanner (reader):</b>                      | NFC 13.56MHz                                                                                                                                                                                               |
| <b>Other:</b>                                      | -----                                                                                                                                                                                                      |
| <b>Battery:</b>                                    | 3.8V 4400mAh Li-Ion                                                                                                                                                                                        |
| <b>Working time on battery:</b>                    | -----                                                                                                                                                                                                      |
| <b>Fast battery replacement ability:</b>           | No                                                                                                                                                                                                         |
| <b>HotSwap battery:</b>                            | -----                                                                                                                                                                                                      |
| <b>LAN:</b>                                        | No                                                                                                                                                                                                         |
| <b>WLAN:</b>                                       | 802.11 b/g/n                                                                                                                                                                                               |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0                                                                                                                                                                                              |
| <b>WAN:</b>                                        | 3G/4GGSM : Quad Band(850/900/1800/1900M hz)TD - SCDMA :<br>Band34,Band39WCDMA : Band1 , Band2 , Band5 , Band8CDMA 1x /EVDO :<br>BC0TDD - LTE : Band38 , Band39 , Band40 , Band41FDD - LTE : Band1 ,<br>Ban |
| <b>WAN:</b>                                        | 3G/4GGSM : Quad Band(850/900/1800/1900M hz)TD - SCDMA :<br>Band34,Band39WCDMA : Band1 , Band2 , Band5 , Band8CDMA 1x /EVDO :<br>BC0TDD - LTE : Band38 , Band39 , Band40 , Band41FDD - LTE : Band1 ,<br>Ban |
| <b>GPS:</b>                                        | Built-in                                                                                                                                                                                                   |
| <b>Camera:</b>                                     | Rear: 13Mpx wuth Flash, Front: 5Mpx                                                                                                                                                                        |
| <b>In/Out:</b>                                     | 1 x USB Type C, 1 x AudioJack , 1 x Micro SD, 2 x SIM                                                                                                                                                      |
| <b>Optional accessories:</b>                       | -----                                                                                                                                                                                                      |
| <b>Docking station connector:</b>                  | Yes                                                                                                                                                                                                        |
| <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>                | -----                                                |
| <b>Flash Card Reader:</b>              | microSD (max. 32GB)                                  |
| <b>CD/DVD:</b>                         | -----                                                |
| <b>Audio:</b>                          | AudioJack : Built-in Speaker : Microphone            |
| <b>Keyboard:</b>                       | On-screen + Function Keys                            |
| <b>Additional Navigation Devices :</b> | -----                                                |
| <b>Color:</b>                          | -----                                                |
| <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>                           | 152 × 75.9 × 12.8mm - 227g ( with standard battery ) |
| <b>Fanless casing:</b>                 | Yes                                                  |

**Product from the Archive - production finished**



→ Description

→ The collection and processing of data

→ Resistance

→ Modules and Wireless Networks

→ Minimalism

MobiPad Cruiser has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP67 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

→ Description



|                       |                                                    |
|-----------------------|----------------------------------------------------|
| Processor             | Cortex A53 (1.5 GHz Quad Core + 1.2 GHz Quad Core) |
| GPU                   | Qualcomm Adreno 304                                |
| Display               | 5.2"   IPS   Capacitive   1920x1080 Full HD        |
| RAM                   | 4GB                                                |
| ROM                   | 32GB                                               |
| Connectors            | USB Type C   Micro SD   Micro SIM   3.5mm Jack     |
| GPS                   | GLONASS, GPS                                       |
| Audio                 | AudioJack   Speaker   Microphone                   |
| Camera                | 13Mpx Rear, 5Mpx Front                             |
| Battery               | 3.8V/4400mAH Li-Ion                                |
| Keyboard              | On-Screen + Function keys                          |
| Environment           | Android 9.0                                        |
| Modules               | 3G/4G   GPS   Wi-Fi   BT 4.0   NFC                 |
| Dimensions and weight | 152 x 75.9 x 12.8mm - 220g                         |
| Resistance            | IP67                                               |
| Readers(optional)     | 2D Honeywell (CMOS)                                |
| Sensors               | G-sensor   Gyroscope   E-compass   Barometer       |

Cruiser1 is offered with the latest Quad Core Cortex A53 to ensure the highest performance, low power consumption and long battery life. The data collector works with Android 9.0 operating system to meet the growing requirements in industrial applications.

➔ The collection and processing of data

# 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.



## Near Field Communication (NFC)

It's a set of ideas and technology that enables smartphones and other devices to establish radio communication with each other by touching the devices together or bringing them into proximity to a distance of typically 10 cm or less.



|                         | NFC                                            |
|-------------------------|------------------------------------------------|
| Frequency               | 13.56 MHz                                      |
| Reading distance        | up to 6cm (ISO 15693), up to 4cm (ISO14443A/B) |
| Supported card standard | Mifare                                         |
| Supported standards     | ISO14443                                       |
|                         | ISO15693                                       |
|                         | ISO14443A/B                                    |

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[→ Resitance](#)

Applicable standards

|           |                         |
|-----------|-------------------------|
| Storage   | -40°C -- +60°C          |
| Operating | -20°C -- +50°C          |
| Dust      | IP6x (dust)             |
| Water     | IPx7 (water)            |
| Drop      | 1.5m                    |
| Humidity  | 5% - 95% non-condensing |

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IP67 Resistance

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.

| The first digit [x]<br>Protection against solid objects     | Protection Level                                                                        | The second digits [y]<br>Protection against liquids          |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------|
| No special protection                                       | 0  0 | No special protection                                        |
| Protection from solid objects greater than 50mm in diameter | 1  1 | Protection from dripping water                               |
| Protection from objects no greater than 12mm in diameter    | 2  2 | Protection from vertically dripping water (tilted up to 15°) |



When device is equipped with the **WCDMA** module, you need only insert a SIM card in the special slot and you are able instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal **4G** module used in MobiPad MP-Q62 adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.

|                  |                                  |
|------------------|----------------------------------|
| <b>WiFi</b>      | 802.11(b/g/n) 2.4GHz             |
| <b>GPS</b>       | Yes                              |
| <b>Bluetooth</b> | Bluetooth V4.0                   |
| <b>4G</b>        | CMCC 5M LTE 1/3/7/20/38/39/40/41 |
|                  | WCDMA 1/2/5/8                    |
|                  | TD-SCDMA 34/39                   |
|                  | GSM 2/3/5/8                      |
|                  | The ability to make voice calls  |

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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 forever when you have MobiPad Cruiser. The device weighs just 220g and its dimensions (152 x 75.9 x 12.8mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that Cruiser is in a group of devices which enjoy great popularity in the European market in the industrial segment.

|            |                     |
|------------|---------------------|
| Dimensions | 152 × 75.9 × 12.8mm |
| Weight     | 220g                |

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[more photos in the "Photo Gallery" ...](#)

[specification](#) of this version is available in the "Technical data" ...

product **does not have** any accesories in set...

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|           | v.1 | v.2 | v.3 | v.4 | v.2.1 | v.3.1 |
|-----------|-----|-----|-----|-----|-------|-------|
| 32 GB ROM |     |     | —   |     |       | —     |
| 64 GB ROM | —   | —   |     | —   | —     |       |
| 4 GB RAM  |     |     |     |     |       |       |

2D Honeywell N6603

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