**ANDROID**

**8 MP**

**Bluetooth®**

**IP 66**

**4G**

**GPS**

## Reinforced Mobile Terminal MobiPad A8T0 with 2D code reader NewLand E483 v.1

| | |
|---|---|
| **Category:** | UMPC - Ruggedized |
| **Manufacturer:** | Mobilator |
| **Operating System:** | Android 8.1 |
| **Display:** | 4.5" (480x852) - capacitive |
| **Brightness:** | ----- |
| **Processor:** | MTK6737 Quad Core 2.0GHz |
| **Memory:** | 2GB |
| **Hard Drive:** | ----- |
| **Flash Memory:** | 16GB |
| **Touch screen:** | Yes |
| **Durability:** | IP66 |
| **Drop:** | 1.5 meters |
| **Shock:** | ----- |
| **Vibration:** | ----- |

| | |
|---|---|
| **Temperature:** | Operating temperature: -20°C -- +55°CStorage temperature: -40°C -- +70°C |
| **Humidity:** | 5 - 95% (no condensation) |
| **1D barcode scanner (reader):** | ----- |
| **2D barcode scanner (reader):** | **2D Honeywell N3603** |
| **RFID scanner (reader):** | Optional |
| **Other:** | ----- |
| **Battery:** | 3.8V 4200mAh Li-Ion |
| **Working time on battery:** | 12 hours |
| **Fast battery replacement ability:** | No |
| **HotSwap battery:** | ----- |
| **LAN:** | No |
| **WLAN:** | 802.11 a/b/g/n/ac |
| **Bluetooth:** | Bluetooth 4.1 |
| **WAN:** | LTE-FDD: B1 B3 B4 B7 B8 B12 B20 LTE-TDD: B38 B39 B40 B41 WCDMA: 850/900/1800/2100 MHz GSM: 850/900/1800/1900 MHz |
| **GPS:** | GPS, Beidou, Glonass, Galileo |
| **Camera:** | 8Mpx |
| **In/Out:** | 1 x USB 2.0, 1x USB Type C, 1 x Micro SD (max.128GB), 1 x Micro-SIM |
| **Optional accessories:** | ----- |
| **Docking station connector:** | No |
| **VESA standard – holders and mounts support:** | ----- |
| **COM port:** | No |
| **Magnetic card reader (MSR):** | ----- |
| **Microchip card reader:** | ----- |
| **Contrast:** | ----- |
| **Graphics card:** | ----- |
| **Chipset:** | ----- |

| | |
|---:|:---|
| **BIOS:** | ----- |
| **Casing material:** | high quality plastic and rubber |
| **Flash Card Reader:** | microSD (max. 128GB) |
| **CD/DVD:** | ----- |
| **Audio:** | Built-in Speaker : Microphone |
| **Keyboard:** | Alphanumeric (+ function keys) : On-screen |
| **Additional Navigation Devices :** | ----- |
| **Color:** | black |
| **Swivel Hinge:** | ----- |
| **VGA out:** | No |
| **TV Out:** | ----- |
| **TV Tuner:** | ----- |
| **Security:** | IP66 |
| **Waterproof:** | IPX6 |
| **Sand and dust:** | IP6X |
| **Size:** | 166 × 77.5 × 22mm- 500g |
| **Fanless casing:** | Yes |
| **Weight:** | 500g |

**Product from the Archive - production finished**

MobiPad A8T0 has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP66 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

| | |
|---|---|
| Processor(CPU) | MTK6737 ARM Cortex-A53 \| Quad-core  2.0GHZ |
| Display | 4.5" (480*854) \| IPS HD Color Touch Screen |
| RAM | 2GB |
| ROM | 16GB |
| Connectors | USB-Typ C \| Micro SD/TF card slot (max. 128GB) \| Micro-SIM |
| GPS | Built-in GPS |
| Audio | Speaker \| Microphone |
| Camera(optional) | 8Mpx |
| Battery | 3.8V 4200mAh Li-Ion(Duration 12h) |
| Keyboard | Vitual qwerty keyboard and actual figure button |
| Environment | Android 8.1 |
| Modules | GPS /4G/3G/2G \| WiFi \| Bluetooth \| NFC* |
| Dimensions | 166mm*77.5mm*22mm*500g |
| Resistance | IP66 |

| Readers | **1D**: Mindeo SE966* / Honeywell N4313* |
| | |
| | **2D**: Newland E483* / **Honeywell N3603** / Honeywell N6603-W3* |

\*
Optional equipment, available on specific versions only .

# Select a version for each other

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"**.

| | v.0 | v.0.1 | v.0.1 | v.0.1 | v.0.1 | v.1 |
|---|---|---|---|---|---|---|
| NFC | + | – | – | + | + | – |
| scanner 1D Honeywell N4313 | – | – | + | – | + | – |
| scanner Mindeo SE966 | – | + | – | + | – | – |
| scanner 2D Newland E483 | – | – | – | – | – | + |
| scanner 2D Honeywell N3603 | – | – | – | – | – | – |
| scanner 2D Honeywell N6603-W3 | – | – | – | – | – | – |

| | v.2 | v.3 | v.1.1 | v.2.1 | v.2.2 |
|---|---|---|---|---|---|
| NFC | – | + | – | + | + |
| scanner 1D Honeywell N4313 | – | – | – | – | – |
| scanner Mindeo SE966 | – | – | – | – | – |
| scanner 2D Newland E483 | – | – | – | + | – |
| scanner 2D Honeywell N3603 | – | – | + | – | + |
| scanner 2D Honeywell N6603-W3 | + | + | – | – | – |

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Warehouse inventory



Fruit store



Retailers super

Data collector MobiPad A8T0 can be used for projects like: supermarket cashless payment, inventory management and logistics tracking. Device will be also good option to business data management and other services.

Operating temperature: -20 ° C ~ 55 °C

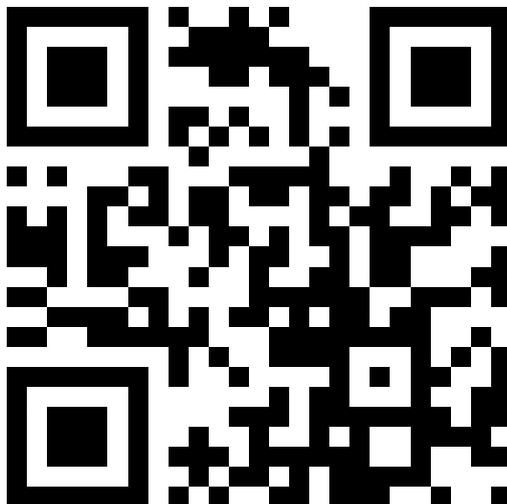Operating Humidity: 5% ~ 95%



Clothing shop



Warehouse management



Library

go top...

**Barcode Scanner 2D**

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) (Option)

Its 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 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. NFC is used for social networking, for sharing contacts, photos, videos or files.

|  | RFID (HF) NFC |
|---|---|
| Frequency | 13.56 MHz |
| Reading distance | od 1 do 5 cm |
| Supported card standard | Mifare Write/Read |
| Supported standards | ISO 14443 A/B |
|  | ISO 15693 |

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## Applicable standards

| | |
|---|---|
| Operating | -20°C -- +55°C |
| Storage | -40°C -- +70°C |
| Humidity | 5% - 95% RH \| non-condensing |
| Dust | IP6x (dust) |
| Water | IPx6 (water) |
| Drop | 1.5m |

## IP66 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or
system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually follo
digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 v
resistance goes from 0 to 8.

| No special protection | 0 | | 0 | No waterproofing |
|---|---|---|---|---|

| Protection from solid objects greater than 50mm in diameter | 1 | | 1 | Protection from dripping water |
|---|---|---|---|---|

When device is equipped with the **WCDMA** module, you need only insert a SIM card in the special slot and you are able instantly co internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal 4**G** mod MobiPad A8T0 devices are used in contactless payment systems, similar to those used in credit cards and electronic ticket smartcard mobile payment to replace/supplement these systems. NFC is used for social networking, for sharing contacts, photos, videos or file

| | |
|---|---|
| **WiFi** | 802.11 a/b/g/n/ac |
| **GPS** | Yes |
| **Bluetooth** | Bluetooth 4.1 |
| **WWLAN(4G/3G/2G)** | LTE-FDD: B1 B3 B4 B7 B8 B12 B20<br><br>LTE-TDD: B38 B39 B40 B41<br><br>WCDMA: 850/900/1800/2100 MHz<br><br>GSM: 850/900/1800/1900 MHz |

You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disapp
when you have MobiPad A8T0. The device weighs just 500g and its dimensions  (166 x 77.5 x 22mm) allow you to take this device e
Professional performance and energy efficiency makes, that A8T0 is in a group of devices which enjoy great popularity in the Europ
in the industrial segment.

| imensions | 166 × 77.5 × 22mm |
|---|---|
| **Weight** | 500g |

more photos in the "**Photo Gallery**" ...

**specification** of this version is available in the "Technical data" ...

| imensions | 166 × 77.5 × 22mm |
|---|---|
| **Weight** | 500g |