



MobiPAD 8TS-5A v.11 - multifunctional industrial tablet with UHF RFID (range up to 4 meters), 8-core processor, Wifi and Bluetooth, 6GB RAM and 128GB ROM, Android 11

|                                     |  |
|-------------------------------------|--|
| <b>Category:</b>                    | UMPC - Ruggedized  |
| <b>Manufacturer:</b>                | Mobilator  |
| <b>Operating System:</b>            | Android 11.0   |
| <b>Display:</b>                     | 8" (1920 x 1200)   |
| <b>Brightness:</b>                  | 400 nits   |
| <b>Processor:</b>                   | MT6771 (8x2.0GHz)  |
| <b>Memory:</b>                      | <b>6GB RAM</b>   |
| <b>Hard Drive:</b>                  | -----  |
| <b>Flash Memory:</b>                | <b>128GB ROM</b>   |
| <b>Touch screen:</b>                | Capacitive   |
| <b>Durability:</b>                  | IP65   |
| <b>Drop:</b>                        | 1.2m   |
| <b>Shock:</b>                       | -----  |
| <b>Vibration:</b>                   | -----  |
| <b>Temperature:</b>                 | Operating temperature: -20°C -- 60°C<br>Storage temperature: -25°C -- 80°C |
| <b>Humidity:</b>                    | 5% -- 95%  |
| <b>1D barcode scanner (reader):</b> | -----  |
| <b>2D barcode scanner (reader):</b> | No (Option)  |

|  |  |
|--|--|
| <b>RFID scanner (reader):</b>                      | <b>UHF RFID 865-868MHz (3-4m)</b>  |
| <b>Other:</b>                                      | High precision GPS (optional), Fingerprint (optional)  |
| <b>Battery:</b>                                    | 7800mAh / 5.0V   |
| <b>Working time on battery:</b>                    | 8-12 hours   |
| <b>Fast battery replacement ability:</b>           | No   |
| <b>HotSwap battery:</b>                            | No   |
| <b>LAN:</b>  | -----  |
| <b>WLAN:</b>                                       | 802.11(a/b/c/g/n) 2.4G, 5G   |
| <b>Bluetooth:</b>                                  | Bluetooth 4.2  |
| <b>WAN:</b>  | 4G Fre: FDD: B1, B2, B3, B4, B5, B7, B8, B28TDD: B40WCDMA: B1, B2, B4, B5GSM: B2, B3, B5, B8 |
| <b>GPS:</b>  | Yes  |
| <b>Camera:</b>                                     | Rear: 13Mpx, FlashFront: 5Mpx  |
| <b>In/Out:</b>                                     | USB 2.0   USB-C   Audio Jack   Pogopin   |
| <b>Optional accessories:</b>                       | -----  |
| <b>Docking station connector:</b>                  | Yes  |
| <b>VESA standard – holders and mounts support:</b> | No   |
| <b>COM port:</b>                                   | RS232 (pogopin)  |
| <b>Magnetic card reader (MSR):</b>                 | No   |
| <b>Microchip card reader:</b>                      | No   |
| <b>Contrast:</b>                                   | 800:1  |
| <b>Graphics card:</b>                              | -----  |
| <b>Chipset:</b>                                    | -----  |
| <b>BIOS:</b>                                       | -----  |
| <b>Casing material:</b>                            | ABS/PC/rubber TPU/aluminum   |
| <b>Flash Card Reader:</b>                          | micro SD   |
| <b>CD/DVD:</b>                                     | -----  |
| <b>Audio:</b>                                      | Built-in microphone and speaker  |

|  |                               |
|--|-------------------------------|
| <b>Keyboard:</b>                       | Onscreen                      |
| <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>                       | No                            |
| <b>Security:</b>                       | IP65                          |
| <b>Waterproof:</b>                     | IPX5                          |
| <b>Sand and dust:</b>                  | IP6X                          |
| <b>Size:</b>                           | 228mm x 137mm x 13.3mm - 550g |
| <b>Fanless casing:</b>                 | Yes                           |
| <b>Weight:</b>                         | 550g                          |

**2 462,09 zł**

net price: 2 001,70 zł

# *MobiPAD 8TS-5A*

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## SPECIFICATION

## RESISTANCE

## WIRELESS COMMUNICATION

## FUNCTIONALITY

## APPLICATION

## AVAILABLE VERSIONS AND ACCESSORIES

MobiPad 8TS-5A is a modern, waterproof industrial tablet designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP65, which confirms the protection of the device against dust and water.

## SPECIFICATION

### MobiPAD 8TS-5A

|                  |  |
|------------------|--|
| Processor        | MT6771 (8x2.0GHz)                          |
| Operating system | Android 11                                 |
| RAM              | 6GB<br>4GB<br>*                            |
| ROM              | 128GB<br>64GB<br>*                         |
| Display          | 8", 1920 x 1200, 400 nits                  |
| Touch screen     | Capacitive, 10 point touch                 |
| Battery          | 7800mAh / 5V                               |
| Camera           | Front: 5Mpx   Rear: 13Mpx + Flash          |
| Protection       | IP65   1.2m. drops                         |
| Communication    | 4G LTE   Bluetooth 4.2   GSM   Wi-Fi   GPS |
| Connectors       | USB x2   USB-C   Audio Jack   Pogopin      |
| Sensor           | Light sensor   Acceleration/gravity        |
| Memory card      | Micro SD                                   |
| SIM card         | SIM  |
| RFID Reader      | UHF (3-4 meters)                           |
| NFC              | NO<br>13,56MHz<br>*                        |
| 2D Scanner       | NO<br>2D scanner Newland N1<br>*           |

\* Optional equipment, available on specific versions only.



Detailed specification of the device is available in the tab "Technical data".

Dustproof industrial tablet MobiPad 8TS-5A was equipped with high performance, energy-efficient MT6771 processor. Inside, there are eight cores that allow for more efficient processing of multiple tasks simultaneously. Shared caching, which uses a multi-level hierarchy, is dynamically allocated to each processor core according to the load. This reduces the average access time to main memory. Enhanced graphics card technology lets you enjoy full HD video and movies. Low power consumption guarantees long battery life.

### Ergonomic design



MobiPad 8TS-5A industrial tablet is designed for resistance and convenience. The sleek and rugged 13.3mm thick design and stylish case will make the tablet very well suited for industrial use and more. The unique size has been carefully thought

out to make the device more comfortable and ergonomic. The non-slip casing makes it safe and secure to hold it in your hand, and the rubber corners further protect your device against possible damage as a result of falls.

|                   |                        |
|-------------------|------------------------|
| <b>Dimensions</b> | 228mm x 137mm x 13.3mm |
| <b>Weight</b>     | 550g                   |



Capacitive screen

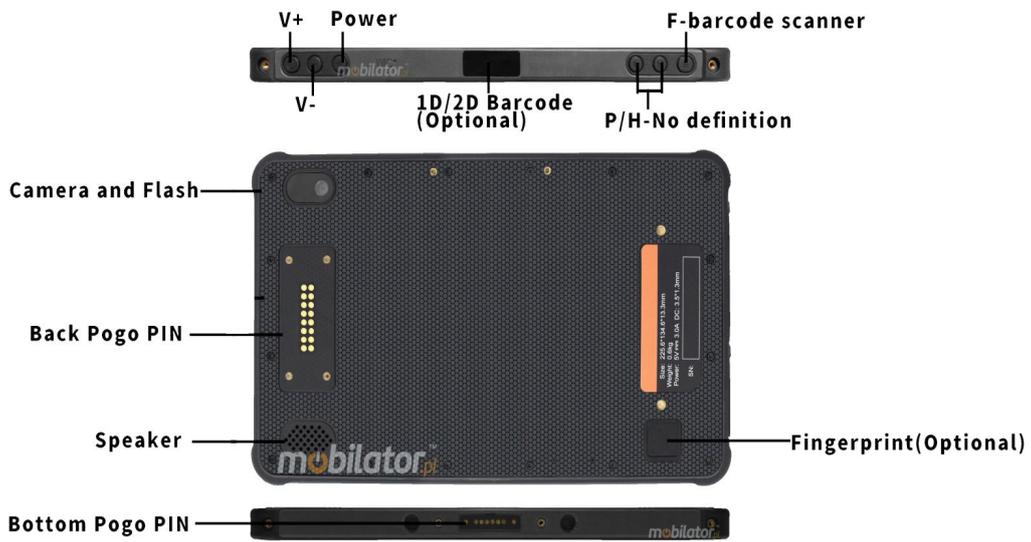


With the capacitive screen, the reaction of the device is not to directly press the screen, but to change the electrostatic field at the point where the device is touched. This allows for much more precise handling and gentle brushes on the screen. In addition, we can use multitouch technology, the ability to control our tablet with a few fingers at once.

### Connectors and buttons



MobiPAD 8TS-5A can be equipped with a fingerprint reader and 2D scanner, available in individual versions or in its own configuration.



## RESISTANCE



## IP66 Protection

The IP standard defines the degree of protection provided by the enclosure of an electrical device against such factors as: access to dangerous parts inside the enclosure, penetration of foreign matter, splashing or immersion.

|             |   |
|-------------|---|
| <b>IP6X</b> | No ingress of dust, complete protection against contact. A vacuum must be applied. Test duration of up to 8 h |
|-------------|---|

### 1.2m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.2 meters in operating mode, even on hard surfaces. In addition, the tablet screen is protected by specially tempered glass Gorilla Glass.

### Extreme temperatures

MobiPad 8TS-5A is suitable for continuous operation in both low and high temperatures in the range of -20° C to 60° C. When the device is off, it can handle temperatures ranging from -25° C to 80°C. In addition, the rugged industrial tablet performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

|                      |               |
|----------------------|---------------|
| <b>Working Temp.</b> | -20°C to 60°C |
| <b>Storage Temp.</b> | -25°C to 80°C |
| <b>Humidity</b>      | 5% to 95%     |

**Working temperature:  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$**

**Storage temperature:  $-25^{\circ}\text{C} \sim 80^{\circ}\text{C}$**



## WIRELESS COMMUNICATION

### GPS Navigation

Waterproof tablet MobiPad 8TS-5A is equipped with a professional GPS module with GLONASS support, combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

### Bluetooth 4.2

Bluetooth enables wireless short-range communication between various electronic devices, such as the keyboard, computer, laptop, palmtop, mobile phone and many others. In the fourth version of this standard, energy consumption was reduced considerably, at the expense of lower transfer costs, and real operating coverage increased.

### Wi-Fi network

Dual-band Wi-Fi provides fast network access wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a work or residence router and a wireless network that can be used at no extra cost. The shock-resistant industrial tablet, is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1 Gb/s.

|                    |                   |
|--------------------|-------------------|
| <b>Standards</b>   | 802.11(a/b/c/g/n) |
| <b>Frequencies</b> | 2.4GHz and 5GHz   |

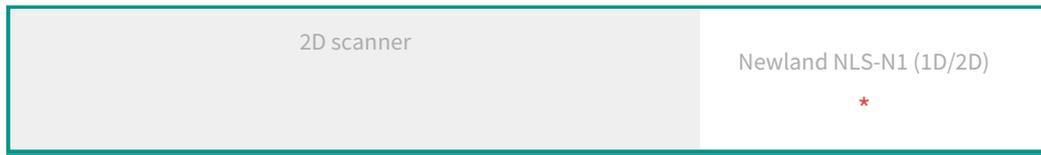


## FUNCTIONALITY

Barcode Scanner (Optional)

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader

allows you to read, decode and send to your data stored in the bar code. With dynamic scanning capabilities, the MobiPad 8TS-5A quickly and accurately retrieves the data, which helps to increase the rate and efficiency. You can jump-start a whole because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.



## ***Newland NLS-N1 2D SCANNER***



\* Optional equipment, available on specific versions only.

### RFID UHF

RFID technology has aroused great worldwide interest. It is expected to solve many of the problems with fast and faultless identification of people and equipment. Its development is more turbulent than gradually introduced barcodes. RFID technology is cheap, reliable and versatile. RFID (Radio-Frequency Identification) is a technology used to identify objects and flow control products.

UHF RFID available in MobiPAD 8TS-5A, has got 3-4 meters of range.

|                  |                       |
|------------------|-----------------------|
| <b>Type</b>      | RFID UHF (3-4 meters) |
| <b>Frequency</b> | 865-868MHz            |

## NFC

Near Field Communication - a short-range, high-frequency, radio communication standard that allows for wireless data exchange at a distance of up to several centimeters. The technology is a simple extension of ISO / IEC 14443 that combines the smart card interface and reader in one device. NFC devices can communicate with both existing devices in the ISO / IEC 14443 standard, as well as with other NFC devices, and thus are compatible with the existing and already in use public transport and payment infrastructure. NFC present in the device supports ISO/IEC 14443, ISO/IEC 15693, range 3-5cm.

\* Optional equipment, available on specific versions only.

## APPLICATION

### Trade and Services

Thanks to their size and light weight, tablet are a useful tool for sales representatives. Today's applications running under the tablet system enable even entering the tablets contractor database, which allows us to later search for it quickly by name or NIP number. We can do the same with our commodity base, which can work in parallel with the database of contractors. Additional use of tablets in the trade, such as sending orders or invoices directly to the company through the GSM network or Wi-Fi.



## Industry and Construction

Industrial tablets are characterized by high resistance to adverse working conditions. Tightness, dust and water resistance of enclosures, certified by IP (dust and water resistance standards) and often MIL-STD military standard, can withstand even the harshest conditions in industrial infrastructure or on the construction site. With appropriate applications, tablets can be used for control and control of various industrial processes, as well as for data collection and analysis.



## Warehouse

An industrial data sheet is the ideal solution for quick stocktaking. In addition,

depending on the software used, it streamlines the process of entering and delivering goods into the warehouse, enables price control and dispensing, helps to collect and order orders, and identifies customers and servicing the rental. The advantages of using tablets are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.



## AVAILABLE VERSIONS AND ACCESSORIES

The industry-leading MobiPad 8TS-5A tablet is available in several versions to suit different needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters given in the table below. In addition, on request, you can create a configuration not currently available in the offer.

 More pictures available in the "Gallery" tab.

|  | v.1 | v.2 | v.3 | v.4 | v.5 | v.6 |
|--|-----|-----|-----|-----|-----|-----|
| 4GB RAM/64GB ROM                             |     |     |     |     |     |     |
| 6GB RAM/128GB ROM                            | —   | —   | —   | —   | —   | —   |
| 2D Newland N1 scanner                        | —   |     |     |     | —   | —   |
| NFC  | —   | —   |     |     | —   |     |
| UHF RFID (3-4m)                              | —   | —   | —   | —   |     |     |
| Fingerprint reader/Czytnik linii papilarnych | —   | —   | —   |     | —   | —   |

HIGH PRECISION GPS/Wysokiej precyzji GPS

— — — — —

**v.7 v.8 v.9 v.10 v.11 v.12**

4GB RAM/64GB ROM

— — — — —

6GB RAM/128GB ROM

—

2D Newland N1 scanner

— — — — —

NFC

— — — — —

UHF RFID (3-4m)

— — — — —

Fingerprint reader/Czytnik linii papilarnych

— — — — —

HIGH PRECISION GPS/Wysokiej precyzji GPS

— — — — —