



## Rugged Tablet MobiPad MPW8802 v.2.2

|                          |   |
|--------------------------|---|
| <b>Category:</b>         | UMPC - Ruggedized   |
| <b>Manufacturer:</b>     | Mobilator   |
| <b>Operating System:</b> | Windows 10 (option)   |
| <b>Display:</b>          | 8" (1280*800)IPS  |
| <b>Brightness:</b>       | 300nits   |
| <b>Processor:</b>        | Intel® Atom™ Processor Z3735F (QUAD CORE 1.33 - 1.83GHz)      |
| <b>Memory:</b>           | 2GB DDR3  |
| <b>Hard Drive:</b>       | <b>32GB eMMC</b>  |
| <b>Touch screen:</b>     | Yes - capacitive  |
| <b>Durability:</b>       | IP65  |
| <b>Drop:</b>             | 1.0m  |
| <b>Shock:</b>            | -----   |
| <b>Vibration:</b>        | -----   |
| <b>Temperature:</b>      | Operating: -10°C -- +50°C Storage temperature: -20°C -- +60°C |
| <b>Humidity:</b>         | 95% non-condensing  |

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|--|--|
| <b>1D barcode scanner (reader):</b>                | -----  |
| <b>2D barcode scanner (reader):</b>                | -----  |
| <b>RFID scanner (reader):</b>                      | No   |
| <b>Other:</b>                                      | G-Sensor   |
| <b>Battery:</b>                                    | Lithium 3.8V 500mAh  |
| <b>Working time on battery:</b>                    | 5-6 hours (depending on usage)   |
| <b>Fast battery replacement ability:</b>           | Yes  |
| <b>HotSwap battery:</b>                            | No   |
| <b>LAN:</b>  | -----  |
| <b>WLAN:</b>                                       | 802.11 b/g/n   |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0  |
| <b>WAN:</b>  | <b>TDD-LTE:2600/1900/2300MHZ;FDD<br/>LTE:2100/1800/850/2600/850/800MHZ.</b>  |
| <b>GPS:</b>  | Yes  |
| <b>Camera:</b>                                     | FRONT: 2MpxREAR: 5Mpx  |
| <b>In/Out:</b>                                     | 1x - micro HDMI1x - Micro-SD Reader1x - USB 2.01x - micro USB (OTG)1x - Docking port - (10pin) Pogo Pin1x - Audio Jack |
| <b>Optional accessories:</b>                       | Wrist Strap  |
| <b>Docking station connector:</b>                  | Yes - (10pin) Pogo Pin   |
| <b>VESA standard – holders and mounts support:</b> | No   |
| <b>COM port:</b>                                   | No   |
| <b>Magnetic card reader (MSR):</b>                 | No   |
| <b>Microchip card reader:</b>                      | -----  |
| <b>Contrast:</b>                                   | -----  |
| <b>Graphics card:</b>                              | Intel HD Graphic   |
| <b>Chipset:</b>                                    | -----  |
| <b>BIOS:</b>                                       | -----  |
| <b>Casing material:</b>                            | -----  |

|  |   |
|--|---|
| <b>Flash Card Reader:</b>              | Micro-SD Card Reader  |
| <b>CD/DVD:</b>                         | -----   |
| <b>Audio:</b>                          | Built-in Microphone   Speaker 1.0W   Audio Jack             |
| <b>Keyboard:</b>                       | on-Screen   Function keysVolume +   Volume -   Power   Home |
| <b>Additional Navigation Devices :</b> | -----   |
| <b>Color:</b>                          | -----   |
| <b>Swivel Hinge:</b>                   | -----   |
| <b>VGA out:</b>                        | -----   |
| <b>TV Out:</b>                         | -----   |
| <b>TV Tuner:</b>                       | -----   |
| <b>Security:</b>                       | IP65  |
| <b>Waterproof:</b>                     | IP6x  |
| <b>Sand and dust:</b>                  | IPx5  |
| <b>Size:</b>                           | 230.9*155.6*21mm– 800g (with battery)                       |
| <b>Fanless casing:</b>                 | Yes   |

**Product from the Archive - production finished**



MobiPad MPW8802 is a new proposal 8 - inch tablet works with Windows 10. The tablet has a specially designed, reinforced structure, adapted for use in harsh environmental conditions. The device works great when in the home and industrial use.



MobiPad MPW8802 is offered with the latest quad-core Intel® Atom™ processor Z3735F to ensure the highest performance, low power consumption and long battery life. The tablet works with Windows 10 operating system to meet the growing requirements in industrial applications.

|                 |   |
|-----------------|---|
| Processor       | Intel® Atom™ Processor Z3735F (QUAD CORE 1.33 - 1.83GHz)  |
| Graphics        | Intel HD Graphic  |
| Display         | 8" (1280*800)   |
| Type of display | IPS   Capacitive  |
| LED             | Power   |
| Brightness      | 300nits   |
| RAM             | 2GB DDR3  |
| ROM             | 32GB eMMC   |
| Connectors      | micro HDMI   SIM card slot   USB 2.0   micro USB (OTG)   Docking port   |
| GPS (factory)   | Yes   |
| Audio           | Built-in MIC   Speaker 1.0W   Audio Jack  |
| Camera          | FRONT: 2Mpx<br>REAR: 5Mpx   |
| Battery         | Lithium 3.8V 5000mAh  |
| Keyboard        | <p>New Portable Devices   NIP: 872-120-56-82   Mobile.: +48 508 235 505   e-mail: sklep@mobilator.pl</p> <p>on-Screen   Functional keys<br/>Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078</p> <p>Volume +   Volume -   Power</p> |

|                    |  |
|--------------------|--|
| Dimensions         | 230.9*155.6*21mm - 800g (with battery)         |
| Resistance         | IP65   |
| Sensors (optional) | <b>2D Scanner   NFC(only in version v.3.3)</b> |
| Sensors (factory)  | G-Sensor                                       |
| Warranty           | 12 months                                      |



Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the [contact form](#).



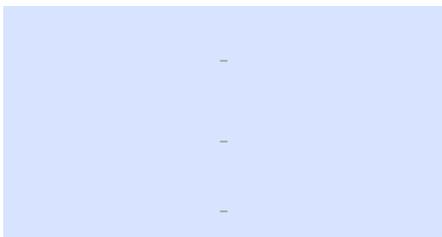
## Select the version dedicated to yourself

Select a version tailored to your needs. Clicking on the hardware number configurations will redirect you to the product with parameters listed below. Detailed parameters are available in the **"Technical Data"**.



|             |
|-------------|
| NFC         |
| 2D (CMOS)   |
| Fingerprint |

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## Barcode Scanner (only in version v.3.3)

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 and wide range of reading MobiPad device and MPW8802 quickly and accurately retrieves the data, which helps to increase the rate and efficiency.



|                 |                    |
|-----------------|--------------------|
| Model           | Newland NLS-EM3096 |
| Type of scanner | 1D/2D              |
| Display type    | CMOS               |



### NFC (only in version v.3.3)

Near field communication (NFC) is 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            |
| Supported standards | ISO/IEC 14443 A/B/B' |
|                     | ISO/IEC 18092        |
|                     | ISO/IEC 21481        |



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## Standards

In terms of device ruggedness, the MPW8802 can withstand a 3-foot drop, and with IP65 sealing. The tablet can operate in temperature range of -10° to 50°C, optimized for most industrial deployments. MPW8802 is a sharp looking, sturdy and powerful device that can hold up well against use in harsh environment with its industrial grade rugged design.



|                       |                    |
|-----------------------|--------------------|
| Operating temperature | -10°C -- +50°C     |
| Storage temperature   | -20C -- +60°C      |
| Dust                  | IP6x               |
| Water                 | IPx5               |
| Humidity              | 95% non-condensing |
| Drop                  | 1.0m               |

## The battery at its best

High quality Lithium battery provides a long operating life under severe temperature conditions. With MobiPad MPW8802 you can easily work out at temperatures as low as -10 ° C.

## Fingerprint (in version v.3.3)

Fingerprint security feature makes our tablet becomes even more personal, allows you to secure the device fingerprint. This is possible through the use of a small fingerprint scanner. Solutions of this kind are very effective at securing devices containing important data and confidential and also allow for easy and quick log-in to the system. It is an ideal solution for business use, when we need to effectively protect your data.

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Thanks 4G module user immediately can connect with Internet inserting SIM card to slot. Integrated software allows to automatically recognize and configure connections with mobile networks.

|               |                               |
|---------------|-------------------------------|
| WIFI          | 802.11 b/g/n                  |
| GPS (factory) | No                            |
| Bluetooth     | Bluetooth 4.0                 |
| 4G (TDD)      | 2600/1900/2300MHZ             |
| 4G (FDD)      | 2100/1800/850/2600/850/800MHZ |



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Real-time data access to the right information is very important to mobile users. MPW8802 offers 4G, GPS, WiFi 802.11 b/g/n, Bluetooth 4.0 which enable users to get connect in the way that best suits their needs. With built-in 5.0 Mega Pixels camera on rear side, users can capture photos, videos, documents instantly, or utilize the front 2.0 Mega Pixel camera for application such as user self video recording, or video communication.

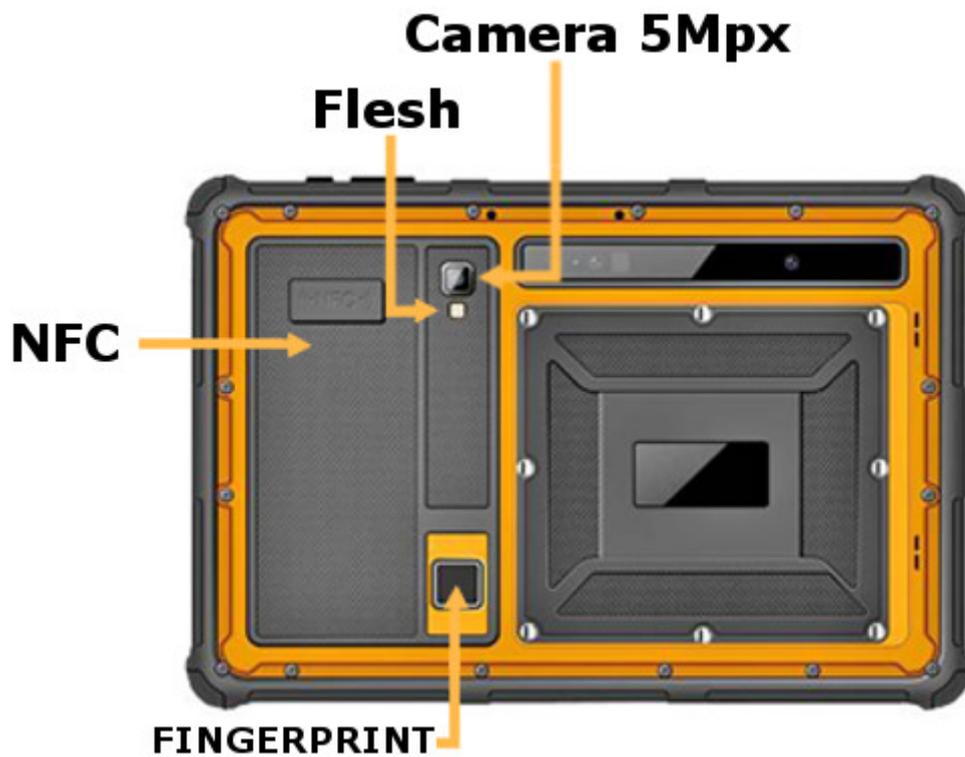


Dimensions

230.9\*155.6\*21mm

Weight

800g (with battery)



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

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

[\\*wrist strap \*\*it's not\*\* included in set...](#)