



MobiPAD MR-1007W v.12 - Rugged 10-inch tablets for logistics applications with Intel N5100 processor, Newland N1 scanner, RFID LF, WiFi 6

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Support Windows 11
<b>Display:</b>	10.1" 800x1280
<b>Brightness:</b>	500 nits
<b>Processor:</b>	Intel Celeron N5100
<b>Memory:</b>	8GB RAM
<b>Hard Drive:</b>	128GB ROM
<b>Flash Memory:</b>	---
<b>Touch screen:</b>	Capacitive 10 - point touch
<b>Durability:</b>	IP67
<b>Drop:</b>	1,2 m
<b>Shock:</b>	---
<b>Vibration:</b>	---
<b>Temperature:</b>	Operating temperature: -20°C ~ 60°C Storage temperature: -30°C ~ 70°C
<b>Humidity:</b>	up to 95%
<b>1D barcode scanner (reader):</b>	---
<b>2D barcode scanner (reader):</b>	<b>2D Newland N1</b>

<b>RFID scanner (reader):</b>	<b>RFID LF</b> option RFID HF   NFC
<b>Other:</b>	-----
<b>Battery:</b>	6000mAh
<b>Working time on battery:</b>	8h
<b>Fast battery replacement ability:</b>	No
<b>HotSwap battery:</b>	No
<b>LAN:</b>	---
<b>WLAN:</b>	<b>WiFi 6</b>
<b>Bluetooth:</b>	Bluetooth 5.1
<b>WAN:</b>	Optional 4G
<b>GPS:</b>	GPS - U-BLOX M7N
<b>Camera:</b>	camera front: 5Mpxcamera rear: 8Mpx
<b>In/Out:</b>	2x speakers   1x MIC   1x Type-C USB 2.0   1x Type-A USB 2.01x DC 12V/4A   1x Micro HDMI   1x Jack   1x Pogo Pin   1x Micro SIM   1x TF
<b>Optional accessories:</b>	Yes
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	---
<b>COM port:</b>	---
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	Yes
<b>Graphics card:</b>	---
<b>Chipset:</b>	---
<b>BIOS:</b>	-----
<b>Casing material:</b>	TPU   PC   ABS composite reinforced with 10% fiber and Al-Ti alloy
<b>Flash Card Reader:</b>	TF
<b>CD/DVD:</b>	-----
<b>Audio:</b>	2x speakers   2x MIC

<b>Keyboard:</b>	Onscreen
<b>Additional Navigation Devices :</b>	-----
<b>Color:</b>	Blackyellow
<b>Swivel Hinge:</b>	No
<b>VGA out:</b>	No
<b>TV Out:</b>	No
<b>TV Tuner:</b>	No
<b>Security:</b>	IP67
<b>Waterproof:</b>	IPX7
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	275 x 179.2 x 21.8mm
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	1120g

**3 025,80 zł**

net price: 2 460,00 zł

# MobiPAD MR-1007W



**SPECIFICATION**

**RESISTANCE**

**DATA COLLECTING**

**WIRELESS COMMUNICATION**

**APPLICATION**

**ACCESSORIES AND AVAILABLE VERSIONS**

The versatile MobiPAD MR-1007W tablet is a rugged device for special tasks. Thanks to its IP67 rating and reinforced casing, it's resistant to dust, water, and drops. Equipped with a bright 500-nit screen and a powerful 6000mAh battery, it guarantees all-day productivity in the harshest conditions. A reliable companion for professionals in the field.

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## SPECIFICATION

### MobiPAD MR-1007W v.12

Processor	Intel Celeron N5100
Operating system	Support Windows 11
RAM	8GB
ROM	128 GB
Communication	Bluetooth 5.3   GPS U-BLOX M7N 4G * (optional) WiFi 6
Display	10.1" 800x1280   500 nitów   16:10 1200x1920 * (optional) 800 nitów * (optional)

## MobiPAD MR-1007W v.12

Touch screen	Capacitive (10-point)
Protection	IP67
SIM card	Micro SIM
Battery	6000mAh Charging Indicator
Connections	Speakers   MIC   Typ-C USB 2.0   Typ-A USB 2.0   TF DC 12V/4A   Micro HDMI   Jack   Pogo Pin   Micro SIM
Scanner 2D	2D Newland N1
Radio readers	NFC * (optional) RFID HF * (optional) RFID LF
Guarantee	1 year * (optional 2 years)

\* Optional equipment available in the relevant product versions or on request



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

The high-performance MobiPAD MR-1007W tablet is an advanced tool designed for use in environments where standard electronics fail. At the heart of the device is an Intel Celeron N5100 processor, optimized for professional technical applications and fast data analysis. Combined with a reinforced IP67 housing,

this ensures trouble-free operation even in extreme dust and moisture conditions.

## Ergonomic design

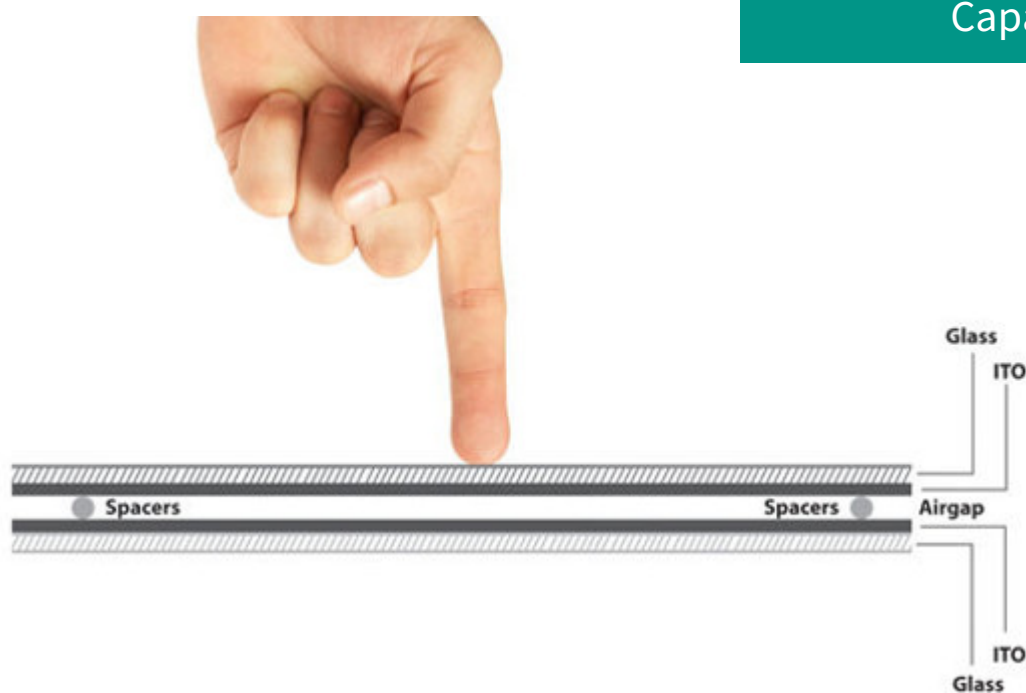
The device's design strikes the perfect balance between a large operating surface and the portability essential for everyday tasks. The body's finish guarantees maximum ease of use and excellent screen clarity.



The device's durable yet sleek design ensures a stable grip and comfort during extended outdoor activities. The well-thought-out frame dimensions allow for easy control of the panel while maintaining a compact footprint, ensuring the device is easy on staff and easily fits into a handheld toolbox.

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## Capacitive screen



Capacitive screens used in industrial tablets respond to changes in the electric fields on their surfaces. Bringing fingers close to the glass surfaces changes these parameters, which the sensors interpret as touches. These screens are highly sensitive, transparent, and scratch-resistant. Their main advantages in operation are durability and strength, ensuring stable operation even during frequent field

use.

500 nits screen (800 \* optional)

The brightness of 500 nits makes the tablet screen readable even in intensely lit production halls or with light coming through windows.



This value ensures clear contrast and saturated colors, which translates directly into reduced eye fatigue during long hours of work with technical documentation. Thanks to the increased luminance parameters, operators can freely use the device in the field, without having to seek shade to read key data. This is a crucial feature in the industrial sector, ensuring reliability and comfort of use regardless of the prevailing lighting conditions.

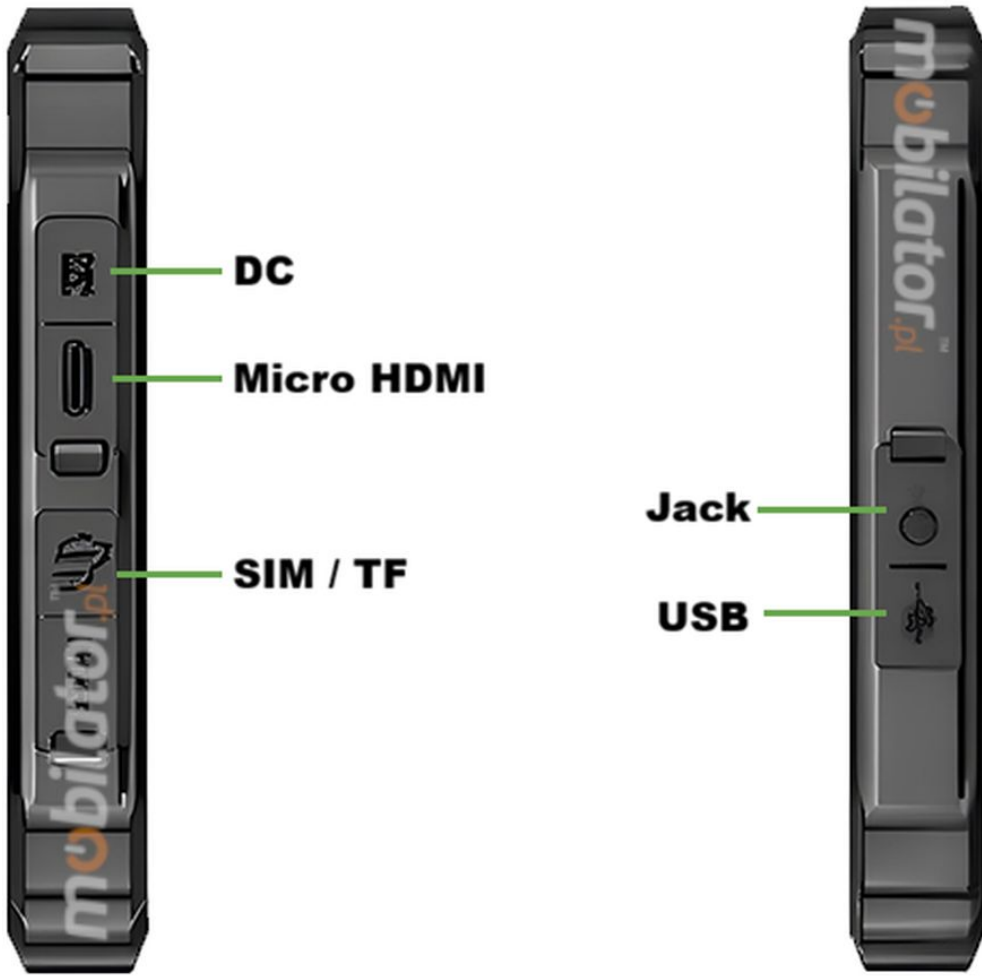
**\*The device is available with a screen brightness of 800 nits**

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## Connectors, buttons and dimensions

The MobiPAD MR-1007W models are designed for maximum operational efficiency in the most demanding environments. Extensive communication ports and stringent leak-tightness standards prepare these units for uninterrupted operation in challenging logistics locations and outdoor environments. These devices guarantee process stability wherever time is of the essence.





**DC**

**Micro HDMI**

**SIM / TF**

**Jack**

**USB**



1. NFC available in applicable product versions or upon request.

2. Fingerprint reader available in applicable product versions or upon request.

<b>Dimensions</b>	275 x 179.2 x 21.8mm
<b>Weight</b>	1120 g

The MobiPAD MR-1007W industrial devices offer a comprehensive set of

connections, combining multimedia standards such as Micro HDMI, speakers, and a microphone, with a professional 12V/4A DC power supply. It features cellular connectivity and expandable memory via Micro SIM and TF card slots, as well as USB ports (Type-A and Type-C) for data transfer. A Pogo Pin connector allows for quick docking or integration with additional accessories in challenging work environments.

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## DATA COLLECTING

NFC \* (optional)

NFC technology in industrial tablets is primarily used for rapid employee authentication and access control to sensitive system data. It also enables quick pairing of the device with machines and reading proximity tags placed on components for immediate access to technical documentation. Thanks to contactless communication, operators can efficiently record production stages or inventory levels without having to manually enter serial numbers. This solution significantly accelerates information flow and is also highly resistant to the harsh environmental conditions in which mobile devices operate.



\*Optional equipment available in the respective product versions or upon request

## 2D scanner

The durable MobiPAD MR-1007W v.12 industrial tablet features a modular design, allowing you to choose the optimal configuration. In addition to the basic version, dedicated to efficient data processing, the device has been equipped with a professional 2D scanning module, the Newland N1 – an ultra-compact, industrial barcode reader.



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## RFID

RFID in mobile devices enables quick and contactless identification of products, resources, or documents, significantly accelerating workflow. It allows for automatic data collection and reduces errors resulting from manual entry. This streamlines logistics processes, inventory, and asset management within the company. The MobiPAD MR-1007W v.12 tablet for professionals is equipped with LF RFID.






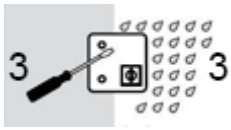





## RESISTANCE

IP67 protection class



IP67 is a rating that indicates a device's resistance to dust and water. The first digit, "6," indicates complete protection against dust ingress, while "7" indicates resistance to short-term immersion in water (up to approximately 1 meter for 30 minutes). This allows IP67-rated devices to operate in challenging conditions, such as rain or dusty environments.

Firts digit	Protection level	Second digit
No special protection	0  0	No special protection
Protection from solid objects greater than 50mm in diameter	1  1	Protection from dripping water

Firts digit	Protection level	Second digit
Protection from object not greater than 12mm in diameter		Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter		Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter		Protection from splashed water
Complete protection against contact, Protection against dust deposit		Protection from water projected from a nozzle
Complete protectionm against contact, protection from infiltration of dust		Protection against heavy seas, or powerful jets of water
		Protection against immersion
		Protection against complete, continuous submersion in water

## Fall to 1.2 m

The MobiPAD MR-1007W is a modern mobile device designed to withstand falls from a height of up to 1.2 meters. Its robust construction and materials effectively protect it from mechanical damage, allowing you to use it without worry in everyday situations.

## Extreme temperatures

The MobiPAD MR-1007W is a tablet resistant to both low and high temperatures. Its ability to operate in extreme conditions down to  $-60^{\circ}\text{C}$  is a key advantage, guaranteeing reliability and complete process continuity in the most demanding refrigerated and polar environments. High resistance to air humidity of up to 95% allows for trouble-free operation in environments with high condensation and variable weather conditions.

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

**Storage temperature :  $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$**



**Operation Temp.**

$-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

<b>Storage Temp.</b>	-30°C to 70°C
<b>Humidity</b>	up to 95%

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## WIRELESS COMMUNICATION

### GPS Navigation

The MobiPAD MR-1007W tablet is equipped with a U-BLOX M7N GPS module, which allows for precise location determination. This allows you to use navigation, easily find your way, and check your location. GPS is also useful in sports and travel applications, helping you track routes and plan trips, making this device ideal for motorcyclists, for example.

### Bluetooth 5.1

Bluetooth is essential in today's industrial tablets, enabling wireless connection to devices like barcode scanners, sensors, and printers, without the need for cables. This makes work faster, more flexible, and better adapted to the dynamic conditions of warehouses, production, and logistics. The MobiPAD MR-1007W is equipped with a modern Bluetooth 5.1 module.

## Wi-Fi network

Wi-Fi connectivity provides fast and convenient access to the internet without the need for cables. All versions of the rugged MobiPAD MR-1007W tablet are equipped with a Wi-Fi module, allowing you to easily connect to your company network and enjoy high-speed data transmission.

<b>Standards</b>	WiFi 802.11 (a/b/g/n/ac)
<b>Frequencies</b>	2.4G+5.8G Dual-band WIFI

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## APPLICATION

### Trade and Service

The MobiPAD MR-1007W with Wi-Fi, Bluetooth, and GPS for retail and service applications enables quick connection to sales systems and databases, speeding up customer service. Bluetooth allows for easy connection to receipt printers, scanners, and other accessories without cables. GPS allows for precise tracking of deliveries and the location of mobile sales or service points. Additionally, the Wi-Fi connection provides internet access and real-time updates, increasing

operational efficiency.



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## Industry and Construction

The MobiPAD MR-1007W tablet, resistant to harsh weather and mechanical conditions thanks to its IP67 standard and drop resistance, is ideal for construction sites and industrial plants. Equipped with Wi-Fi, Bluetooth, and GPS, it allows for fast data transfer, connection to tools, and precise location of equipment and vehicles in the field. The device also facilitates the collection and updating of technical documentation directly on the jobsite. Additionally, Bluetooth enables wireless communication with accessories, increasing mobility and work efficiency.



## Service and diagnostics

In harsh workshop conditions, the IP67-rated tablet guarantees complete safety, being completely resistant to dust, grease, accidental drops, and flooding. A stable WiFi connection provides instant access to technical diagrams and parts catalogs right from the hood, eliminating the need to leave the workstation for an office. Bluetooth connectivity allows for quick pairing with external meters or oscilloscopes, allowing for convenient reading of parameters on a large screen without tangled cables. This allows for efficient documentation of repairs with photos and immediate sending of cost estimates to the customer, significantly speeding up the service process.



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## ACCESSORIES AND AVAILABLE VERSIONS

The modern MobiPAD MR-1007W tablet offers several accessories to suit specific operational requirements and budgets. The following list includes dedicated extensions that significantly enhance work comfort and the device's functionality in the field. Clicking on the product name will take you to detailed technical specifications and the current price.

### The docking station



The docking station enables quick charging of the tablet and its stable integration with the warehouse or production infrastructure during stationary operation.

Check

The shoulder strap



The shoulder strap allows you to safely and comfortably carry your tablet without using your hands, minimizing the risk of the device falling in difficult working conditions.

Check

The hand strap



**mobilator**.pl<sup>TM</sup>

The hand-strap ensures a secure grip of the device with one hand, allowing comfortable and safe operation of the screen during dynamic field work.

[Check](#)

The 360" ball head car holder



The ball-head car holder ensures stable tablet mounting in the vehicle and free adjustment of the screen angle and orientation for optimal data visibility.

Check

### The OTG (On-The-Go) cable



The OTG cable turns the charging port into a USB host port, allowing you to directly connect accessories such as flash drives, keyboards, or barcode readers.

Check

## The spare battery



The spare battery ensures continuity of multi-shift work by allowing immediate battery replacement without having to interrupt tasks and connect the tablet to the power supply.

Check

## Spare power adapter



The backup power supply provides an alternative charging source at various work sites and ensures process continuity in the event of a failure or loss of the primary charger.

Check

Suitcase handle



A holder dedicated to industrial tablets significantly improves the comfort of everyday use of the device

Check

The MobiPAD MR-1007W tablet, designed for use in harsh environments, is available in several versions tailored to various needs. Clicking on the hardware configuration number will redirect you to the product with the parameters listed in the table below. Furthermore, upon request, we can create a configuration not currently available.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8	v.9
800x1280	+	—	—	+	+	+	+	—	—
1200x1920	—	+	+	—	—	—	—	+	+

800 nits	—	+	+	—	—	—	—	+	+
Scanner 2D	—	—	—	—	—	+	—	—	—
RFID	—	—	—	—	—	—	—	—	—
	<b>v.10</b>	<b>v.11</b>	<b>v.12</b>	<b>v.13</b>	<b>v.14</b>	<b>v.15</b>	<b>v.16</b>	<b>v.17</b>	
800x1280	—	—	+	+	—	—	—	—	
1200x1920	+	+	—	—	+	+	+	+	
800 nits	—	+	—	—	+	+	+	+	
Scanner 2D	—	—	+	+	—	+	—	—	
RFID	+	+	+	+	+	+	+	+	



More photos in full resolution available in the "Gallery".