



MobiPAD MR-806A v.10 - Portable Tablets with Android 13 and MTK8781 Processor, 8GB + 128GB, Newland N1, BT 5.3, IP67, 450 nits

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobilator
<b>Operating System:</b>	Android 13
<b>Display:</b>	8" 800x1280
<b>Brightness:</b>	450 nits
<b>Processor:</b>	MTK8781 8 cores 2.2 GHz
<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>	NFCRFID UHF (optional)

<b>Other:</b>	Fingerprint reader (optional)
<b>Battery:</b>	10000mAh   3.8v
<b>Working time on battery:</b>	10h
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	No
<b>LAN:</b>	RJ45
<b>WLAN:</b>	WiFi 5
<b>Bluetooth:</b>	Bluetooth 5.3
<b>WAN:</b>	4G
<b>GPS:</b>	GPS   BeiDou   Galileo   GLONASSoption U-BLOX M8N (optional)
<b>Camera:</b>	camera front: 5Mpxcamera rear: 13Mpx
<b>In/Out:</b>	Speakers   MIC   Type-C USB 2.0   DC 5V/3A   mini HDMIJack   Pogo Pin   Micro SIM   TF   RJ45
<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   1x MIC
<b>Keyboard:</b>	Onscreen

<b>Additional Navigation Devices :</b>	-----
<b>Color:</b>	Black   orange
<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>	226 x 145 x 21.8mm
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	860g

**2 380,05 zł**

net price: 1 935,00 zł

# MobiPAD MR-806A



**SPECIFICATION**

**RESISTANCE**

**DATA COLLECTING**

**WIRELESS COMMUNICATION**

**APPLICATION**

**ACCESSORIES AND AVAILABLE VERSIONS**

Designed for the most demanding environments, the MobiPAD MR-806A is a

modern, waterproof industrial tablet designed for use in extreme conditions. Its specially designed, reinforced construction meets the IP67 standard, ensuring the device is dust, water, and drop-resistant.

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## SPECIFICATION

### MobiPAD MR-806A v.10

Processor	MTK8781 8 cores, 2.2 GHz
Operating system	Android 13
RAM	8GB
ROM	128GB
Communication	Bluetooth 5.3   Wi-Fi 5   GPS   4G U-BLOX M8N * (optional)
Display	8" 1280×800   450 nits   16:10 800 nits * (optional) 1000 nits * (optional) 1200x1920 * (optional)
Touch screen	Capacitive (10-point)
Protection	IP67
SIM card	Micro SIM

## MobiPAD MR-806A v.10

Battery	10000mAh
Connections	Speakers   MIC   Type-C USB 2.0   DC 5V/3A mini HDMI Jack   Pogo Pin   Micro SIM   TF   RJ45
Scanner 2D	2D ZEBRA SE4710 <b>*(optional)</b> 2D Newland N1
Radio readers	NFC RFID UHF - PR9200 (3-5m) <b>*(optional)</b> RFID UHF - R2000 (10-15m) <b>*(optional)</b>
Guarantee	1 year <b>*(optional 2 years)</b>

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



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

Thanks to its modern processor, the durable MobiPAD MR-806A tablet ensures smooth and stable operation even in challenging conditions. The system combines high computing power with energy efficiency, extending battery life. This rugged tablet with this processor is ideal for use in the field, warehouse, or industrial facility.

Ergonomic design

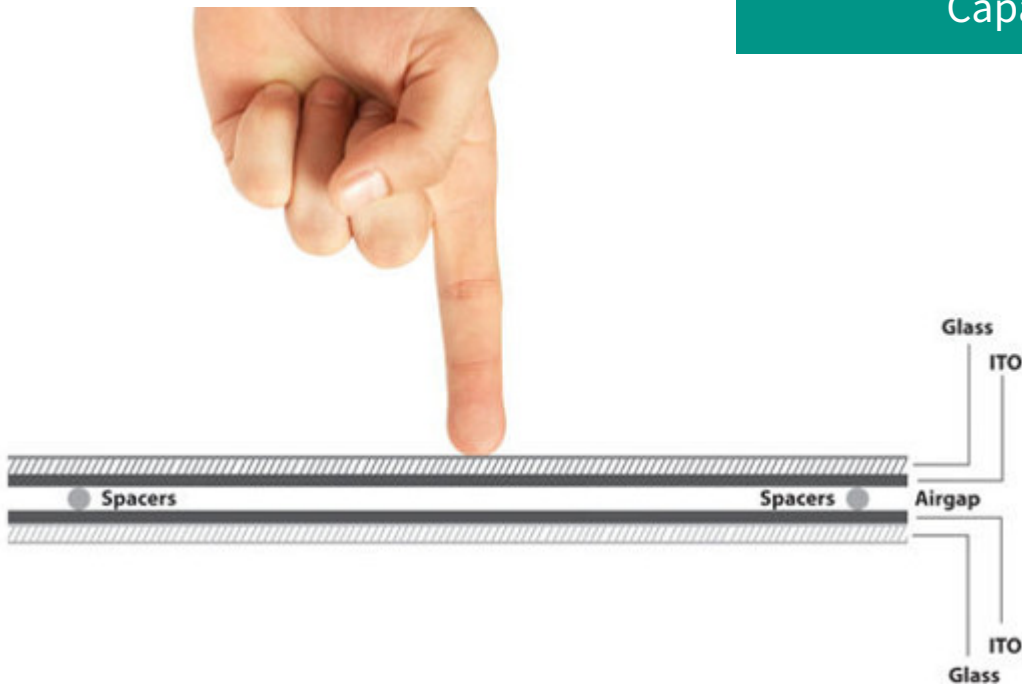
MobiPAD MR-806A industrial tablets were created to work in extreme conditions, these tablets combine durability with comfort of use.



Its slim, durable casing and stylish design make it ideal for industrial and outdoor use. Its compact size and non-slip surface ensure a secure grip and ergonomics, while reinforced corners protect the device from drops and impacts.

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## Capacitive screen



The capacitive touchscreen on this industrial tablet provides fast and precise touch, enabling efficient operation even in demanding conditions. It works by detecting changes in the electrostatic field at the point of contact, enabling immediate response. It supports multitouch gestures such as swiping, scrolling, and zooming, enhancing the convenience of working with technical and service applications. Furthermore, it is durable and scratch-resistant, increasing the device's reliability in the field and industrial environments.

450 nits screen (800 | 1000 \* optional)

The MobiPAD MR-806A features a bright 450-nit screen, perfect for industrial environments where lighting can be intense. The display's high brightness allows for clear data reading even in direct sunlight or in brightly lit production halls.

This allows operators to work more efficiently, without having to seek out shaded areas or interrupt their work. Improved interface visibility also reduces the risk of errors when operating systems and entering data. This improves work safety and the overall efficiency of industrial processes.



\*The device is available with a screen brightness of 800 or 1000 nits

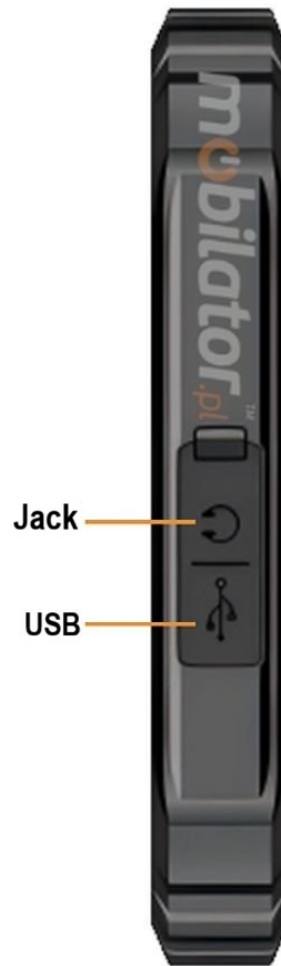
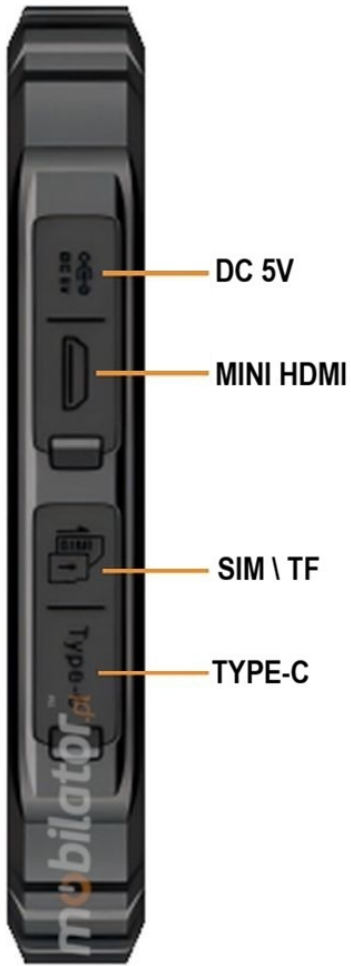
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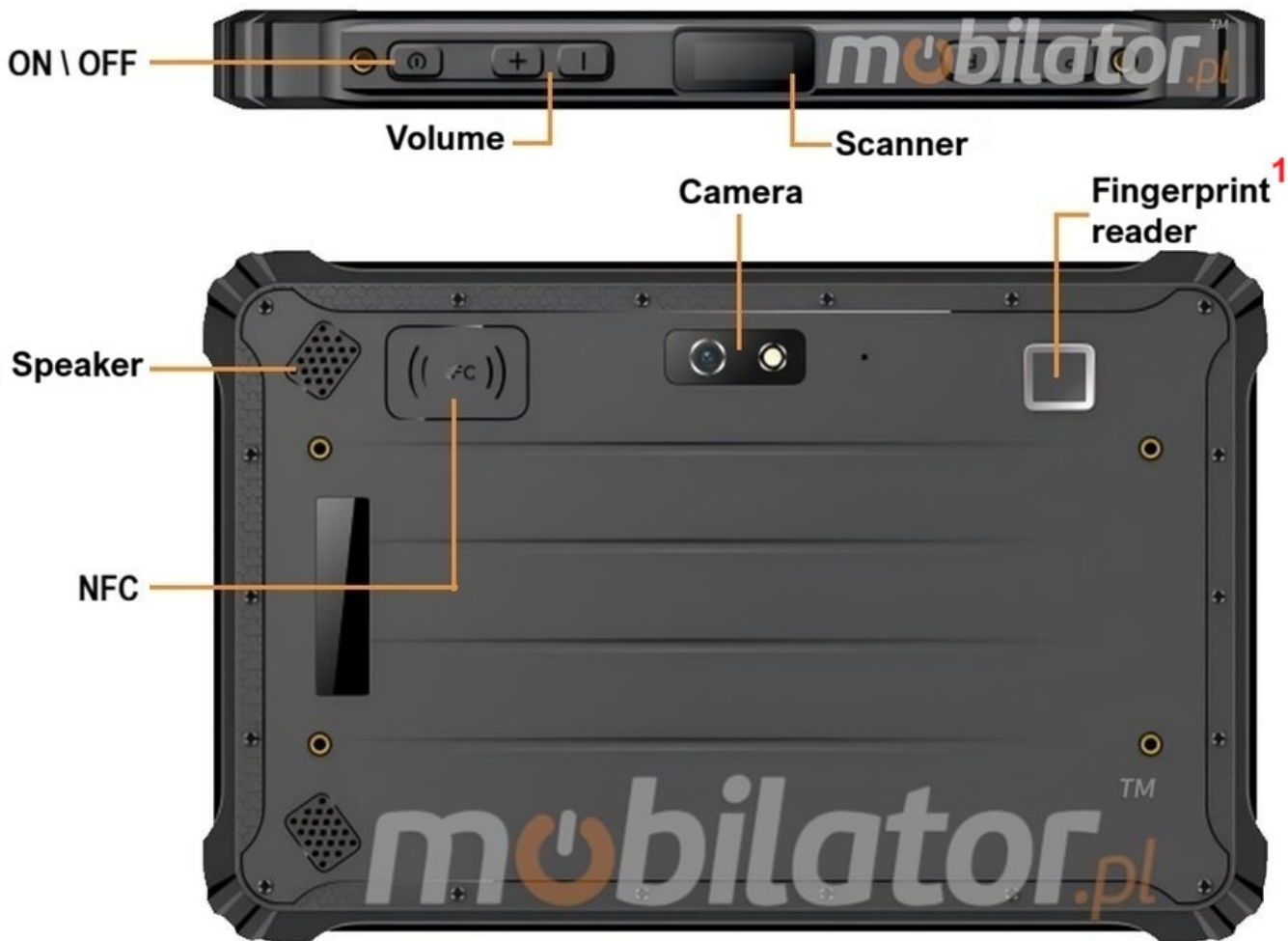
## Connectors, buttons and dimensions

The modern MobiPAD MR-806A tablet is equipped with a wide range of ports,

ensuring its high functionality and versatility. Its housing features ports such as a Type-C USB 2.0 port and a 5V/3A DC power supply, enabling both communication and stable operation. Additionally, users have access to mini HDMI Jack, Pogo Pin, Micro SIM, and TF card slots, allowing for easy connection of various devices and storage media. An RJ45 port and an Aviation plug complement the device's communication capabilities and industrial applications.







1. Fingerprint reader available in specific product versions or upon request.

<b>Dimensions</b>	226 x 145 x 21.8m
<b>Weight</b>	860g

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# DATA COLLECTING

## NFC

NFC (Near Field Communication) technology in mobile devices enables wireless data exchange between devices located in very close proximity. It operates via electromagnetic induction, allowing for quick and secure connection establishment. It enables contactless payments, access control, data transfer, and fast device pairing, among other things. Thanks to its short range, NFC communication is difficult to eavesdrop on, increasing operational security.



## 2D scanner

2D scanners in tablets are a tool that turns the device into a mobile command center, especially in professional work. While a regular document photo is simply an image file, this type of scanning allows for rapid data interpretation.



The MobiPAD MR-806A industrial tablet is equipped with a Newland N1 scanner - this scanner works by illuminating the code with LED diodes and capturing its image using a CMOS matrix, which allows for instant reading of data from both paper and mobile device screens.

## RFID \* (optional)

RFID (Radio-Frequency Identification) technology involves the wireless exchange of data via radio waves between a special tag (marker) and a reader. Unlike barcodes, RFID does not require the label to be "visible" – the signal passes through cardboard, plastic, and dirt, allowing hundreds of items to be read per second without removing them from their packaging. The device can be equipped with an RFID module with varying reading ranges. Depending on the version or configuration, variants are available that operate at distances of approximately 3–5 meters or 10–15 meters. Selecting the appropriate solution allows for tailored functionality to specific operating conditions. This ensures efficient object identification over both short and long distances.





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


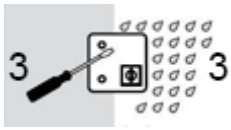





## RESISTANCE

IP67 protection class



The IP67 rating provides complete resistance to dust ingress and protection against the effects of brief immersion in water. This allows the industrial tablet to operate safely in harsh environmental conditions, such as moisture, rain, and dust.

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 mobile device is designed for use in demanding conditions and features increased mechanical resistance. Its design allows it to withstand drops from a height of up to 1.2 meters without compromising functionality. This makes the device suitable for everyday use in industrial and warehouse environments.

## Extreme temperatures

The tablet is designed for a wide temperature range, allowing it to be used in a variety of environments. In operational mode, it functions properly in temperatures ranging from  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ . In standby mode, it can be safely stored in an even wider range, from  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ . This ensures reliability in both extreme cold and high temperatures.

**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

GPS navigation in industrial tablets allows for precise positioning and route planning in challenging terrain, increasing fieldwork efficiency. It enables quick access to designated points and real-time monitoring of team positions, which is invaluable for police patrols or operational activities. GPS also allows for the recording of equipment routes and locations, facilitating logistics and resource management in industrial environments.

### Bluetooth 5.3

In industrial tablets, Bluetooth enables wireless communication with devices such as printers, scanners, and headsets, increasing mobility and work convenience. It enables fast data transfer and equipment synchronization in the field or warehouse, streamlining daily operations. Thanks to its low power consumption, this technology ensures stable connections without excessively

draining the device's battery.

## Wi-Fi network

Thanks to modern connectivity technology, the professional MobiPAD MR-806A tablet supports dual-band Wi-Fi. This enables fast access to local networks and the internet both in the office and in the field, ensuring high stability and data throughput. Dual-band connectivity also allows for flexible switching between the 2.4 GHz and 5 GHz bands depending on network conditions, increasing connection reliability.

<b>Standards</b>	WiFi 5
<b>Frequencies</b>	WIFI 802.11 (a/b/g/n/ac) 2.4G+5.8G Dual-band WIFI

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## APPLICATION

### Trade and Service

Designed with fieldwork in mind, the MobiPAD MR-806A work tablet is ideal for commercial and logistics operations. Modern mobile applications allow for quick

data collection, customer verification, offer presentations, and sales document generation. In the warehouse, the tablet allows for invoicing, order creation, and real-time data synchronization with the ERP system, regardless of location, thanks to GSM or Wi-Fi connectivity.



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## Industry and Construction

The MobiPAD MR-806A waterproof industrial tablets are ideal for industrial and construction applications thanks to their durable, reinforced design, resistant to

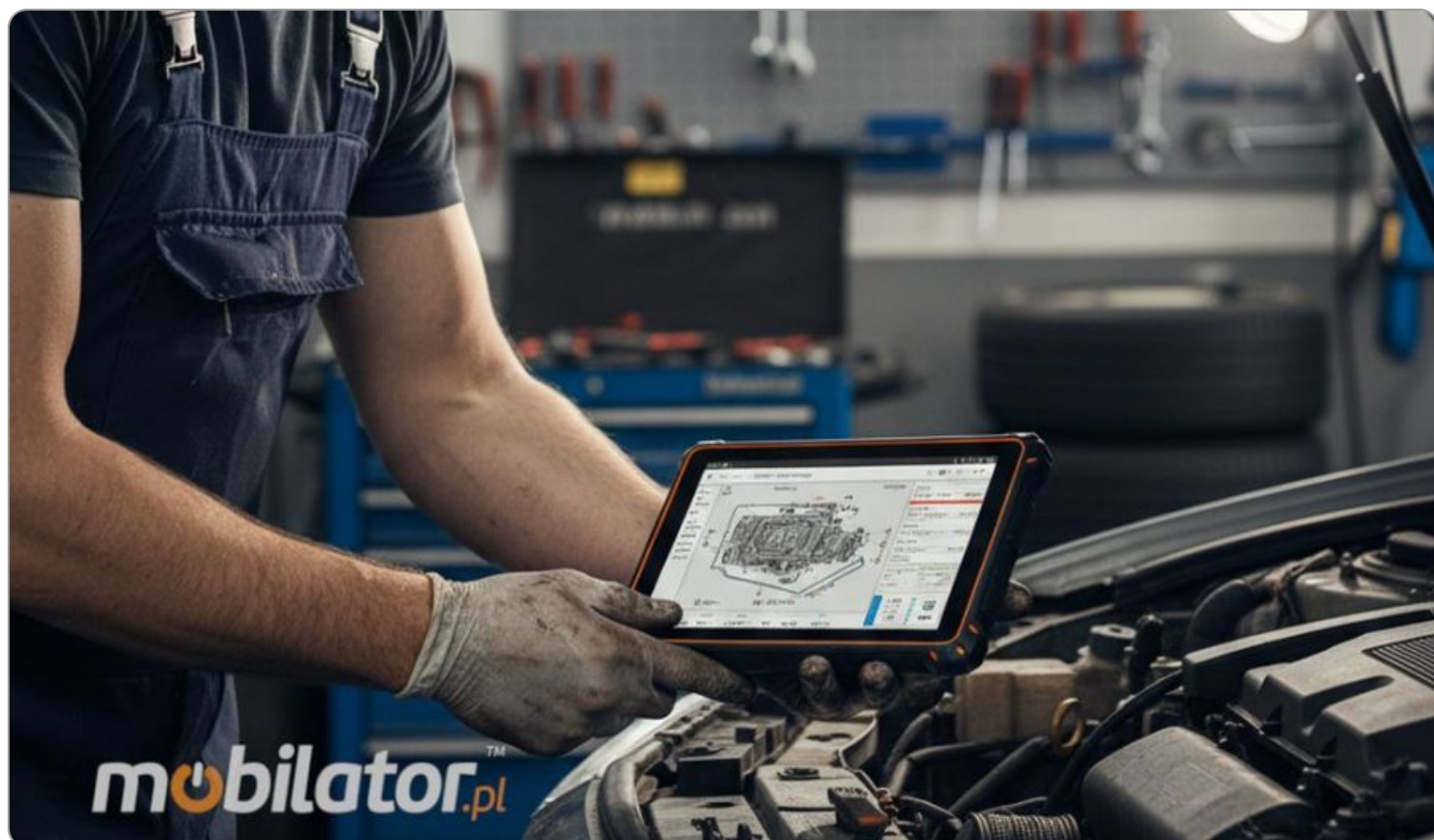
drops, dust, and moisture. They enable quick access to technical applications, documentation, and plans in the field, accelerating task completion and project control. With Wi-Fi, GSM, GPS, and NFC connectivity, workers can easily synchronize data, locate equipment, and manage logistics on-site or in a production facility. Long battery life and an ergonomic, non-slip design ensure comfortable use even in challenging conditions.



## Service and diagnostics

The drop-resistant MobiPAD MR-806A industrial tablet is an ideal tool for service centers and workshops, thanks to its robust, reinforced casing that withstands harsh working conditions. It allows for quick access to technical documentation,

user manuals, and diagnostic programs without the need to return to the office. Wi-Fi, Bluetooth, and NFC modules enable instant data transfer, communication with peripheral devices, and integration with workshop systems. Its ergonomic design and long battery life ensure comfortable operation all day long, even in intensively used environments.



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## ACCESSORIES AND AVAILABLE VERSIONS

This mobile device can be expanded with a range of practical accessories that enhance work comfort and efficiency. Below is a list of available add-ons. Click the accessory name or the "Check" link to see a detailed description and 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](#)

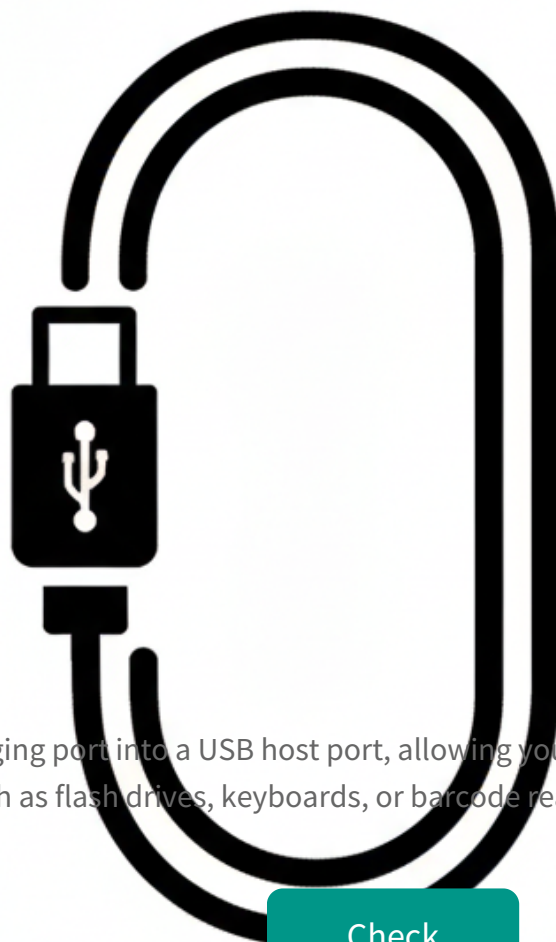
The 360" ball head car holder



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](#)

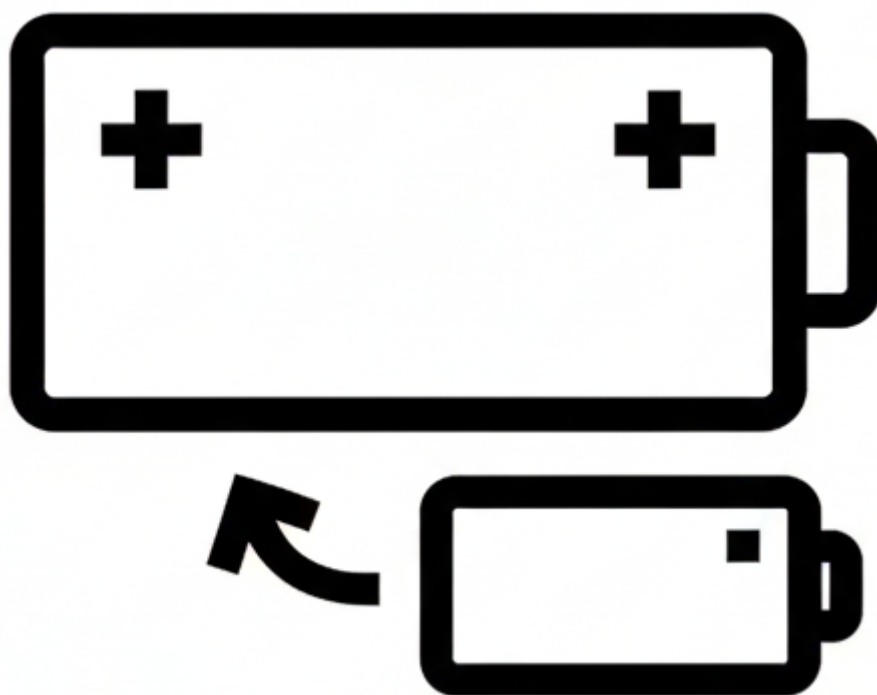
The OTG (On-The-Go) cable



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 professional MobiPAD MR-806A rugged tablet is available in several variants, tailored to different user needs. Clicking on the desired configuration number will take you to a page with its detailed parameters, presented in a table. Additionally, a custom configuration can be prepared upon request, even if it's not included in the standard offering.

	v.1	v.2	v.3	v.4	v.5	v.6
800 nits	—	+	+	—	—	—
1000 nits	—	—	—	+	+	+

Scanner 2D	—	—	—	—	—	—
RFID UHF	—	—	—	—	—	—
	<b>v.7</b>	<b>v.8</b>	<b>v.9</b>	<b>v.10</b>	<b>v.11</b>	<b>v.12</b>
800 nits	—	—	—	—	—	—
1000 nits	+	—	—	—	—	+
Scanner 2D	—	+	—	+	—	+
RFID UHF	—	—	+	—	+	+



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