



MobiPAD MR-1006A v.7 - Rugged tablet for field conditions with IP67, a 1000 nits screen, U-BLOX M8N GPS, and an FBI fingerprint reader

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 13
Display:	10.1" 800x1280
Brightness:	1000 nits
Processor:	MTK87818 cores, 2.2 GHz
Memory:	8GB RAMLPDDR4
Hard Drive:	128GB ROM
Flash Memory:	---
Touch screen:	Capacitive 10 - point touch
Durability:	IP67
Drop:	1,2 m
Shock:	---
Vibration:	---
Temperature:	Operating temperature: -20°C ~ 60°C Storage temperature: -30°C ~ 70°C
Humidity:	up to 95%
1D barcode scanner (reader):	---
2D barcode scanner (reader):	None 2D ZEBRA SE4710 or 2D Newland N1 (Optional)

RFID scanner (reader):	NFCRFID UHF (optional)
Other:	FBI Fingerprint
Battery:	10000mAh 3.8v
Working time on battery:	10h
Fast battery replacement ability:	---
HotSwap battery:	No
LAN:	RJ45
WLAN:	WIFI 5
Bluetooth:	Bluetooth 5.3
WAN:	4G LTE TDD FDD
GPS:	GPS BeiDou Galileo GLONASS U-BLOX M8N
Camera:	camera front: 5Mpxcamera rear: 13Mpx
In/Out:	2x speakers 1x MIC 1x Type-C USB 2.0 1x DC 5V/3A1x mini HDMI 1x Jack Pogo Pin 1x Micro SIM 1x TF 1xRJ45
Optional accessories:	Yes
Docking station connector:	Yes
VESA standard – holders and mounts support:	---
COM port:	---
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	Yes
Graphics card:	---
Chipset:	MediaTek Helio G99
BIOS:	-----
Casing material:	TPU PC ABS composite reinforced with 10% fiber and Al-Ti alloy
Flash Card Reader:	TF
CD/DVD:	-----
Audio:	2x speakers 2x MIC

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

3 044,25 zł

net price: 2 475,00 zł

MobiPAD MR-1006A



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The modern MobiPAD MR-1006A tablet is a rugged foundation for every professional. The device combines extreme durability certified by the IP67 standard with modern Bluetooth 5.3 and NFC connectivity. Equipped with Android 13 and a clear 10.1" screen, its reinforced casing and 10,000 mAh battery ensure reliable operation throughout a full day of field work, regardless of dust, water, or accidental drops.

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SPECIFICATION

MobiPAD MR-1006A v.7

Processor	MTK8781 8 cores, 2.2 GHz
Operating system	Android 13
RAM	8GB LPDDR4
ROM	128 GB
Communication	Bluetooth 5.3 Wi-Fi GPS 4G U-BLOX M8N

MobiPAD MR-1006A v.7

Display	10.1" 800x1280 16:10 1200x1920 * (optional) 1000 nitów
Touch screen	Capacitive (10-point)
Protection	IP67
SIM card	Micro SIM
Battery	10000mAh Charging Indicator
Connections	2x speaker 1x MIC 1x Type-C USB 2.0 1x DC 5V/3A 1x miniHDMI 1x Jack Pogo Pin 1x MicroSIM 1x TF 1xRJ45
Scanner 2D	2D ZEBRA SE4710 * (optional) 2D Newland N1 * (optional)
Radio readers	NFC RFID UHF - PR9200 (3-5m) * (optional) RFID UHF - R2000 (10-15m) * (optional)
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 MobiPAD MR-1006A industrial tablet combines high performance with extreme durability. Equipped with an octa-core, 2.2 GHz MTK8781 processor and Android 13, the device enables lightning-fast data analysis and stable operation with demanding technical applications.

Ergonomic design

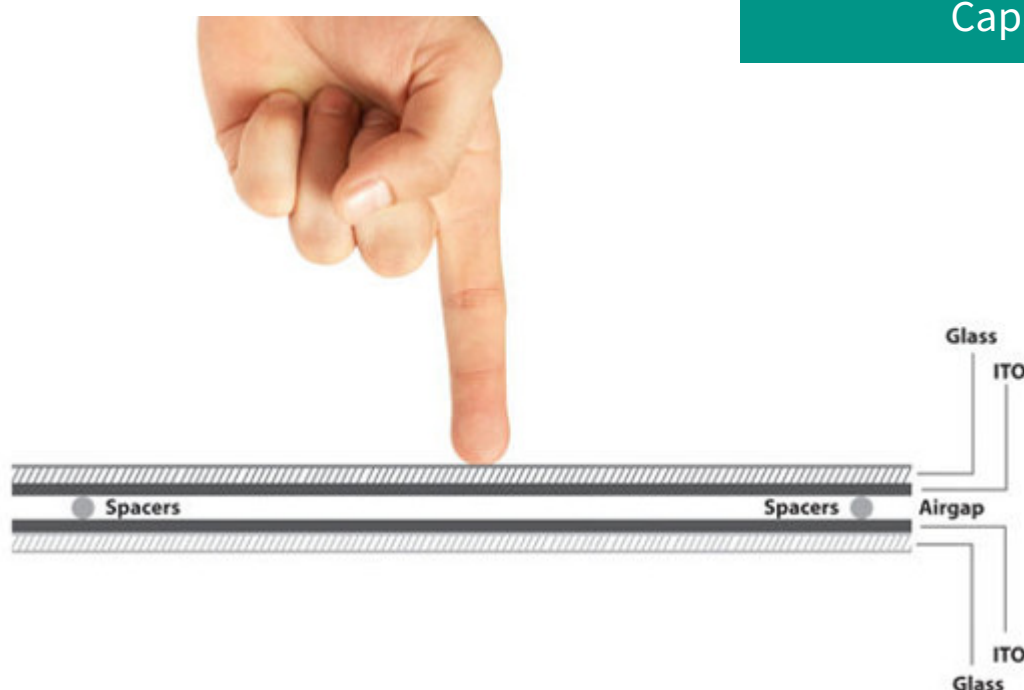
The device combines a spacious screen with a handy design that's ideal for everyday tasks. The refined casing makes it exceptionally comfortable to use, and the display is crystal clear.



The device's robust yet slim design ensures a secure grip and complete comfort during long hours of field work. Optimal housing dimensions allow for intuitive screen operation while maintaining a compact form, making the device easy for staff and easily fitting into basic equipment.

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Capacitive screen



30

A capacitive screen is a type of touchscreen display that uses the electrical properties of the human body to detect touch. Unlike older resistive screens (which responded to pressure), these screens respond to a simple approach or light touch with a finger. This technology is what makes today's smartphones so fluid and supports gestures like pinching to zoom in on a photo.

1000 nits screen

Thanks to the high brightness, the screen offers the appropriate clarity of the presented information in an industrial environment, minimizing the influence of external light and reducing the formation of eye-straining reflections.



The bright screen guarantees a clear image and vivid colors, which translates into greater eye comfort during prolonged analysis of technical diagrams. The refined display's lighting characteristics allow for comfortable use of the tablet outdoors, eliminating the need to search for shaded areas. This is a key feature for professionals who value reliability and ease of use in a dynamic work

environment.

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Connectors, buttons and dimensions

The MobiPAD MR-1006A ruggedized tablets are designed for maximum performance in the most critical operating conditions. A wide range of communication ports and rigorous sealing certifications make these units ready for intensive operation in challenging logistics hubs and field environments. These devices ensure process continuity wherever the success of operations depends on every second.

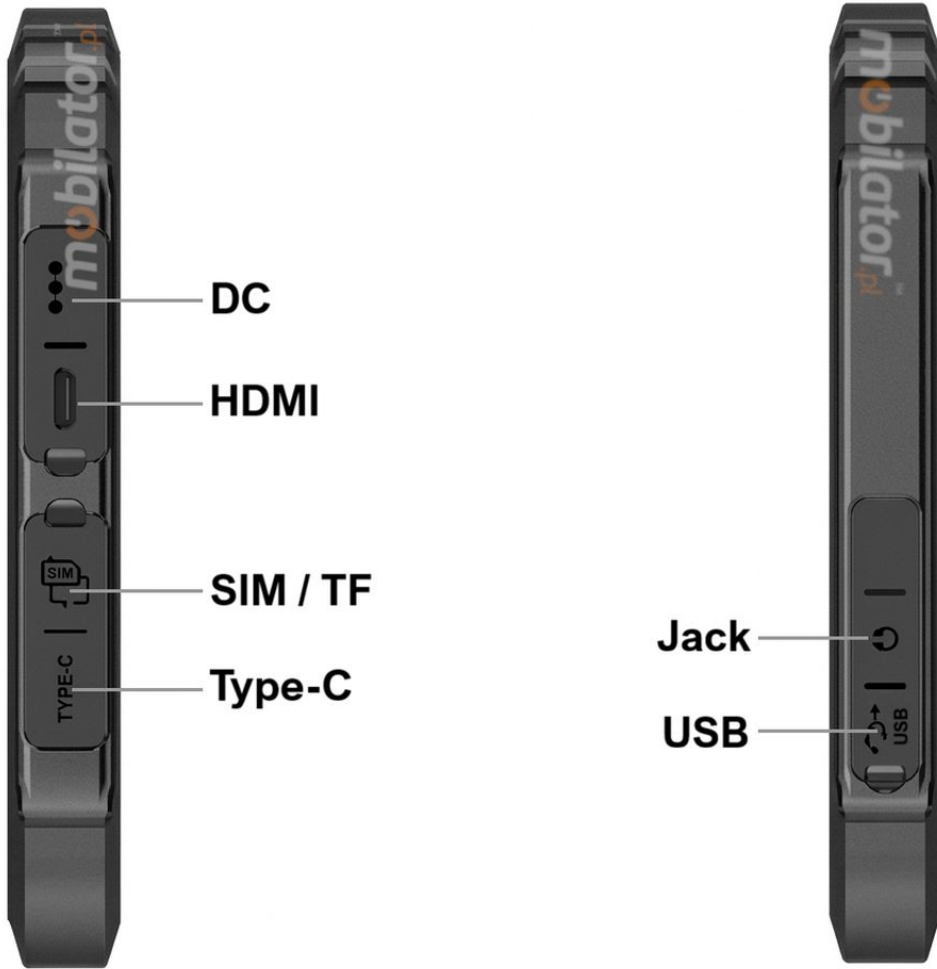
275mm



179.2mm



21.8mm



DC

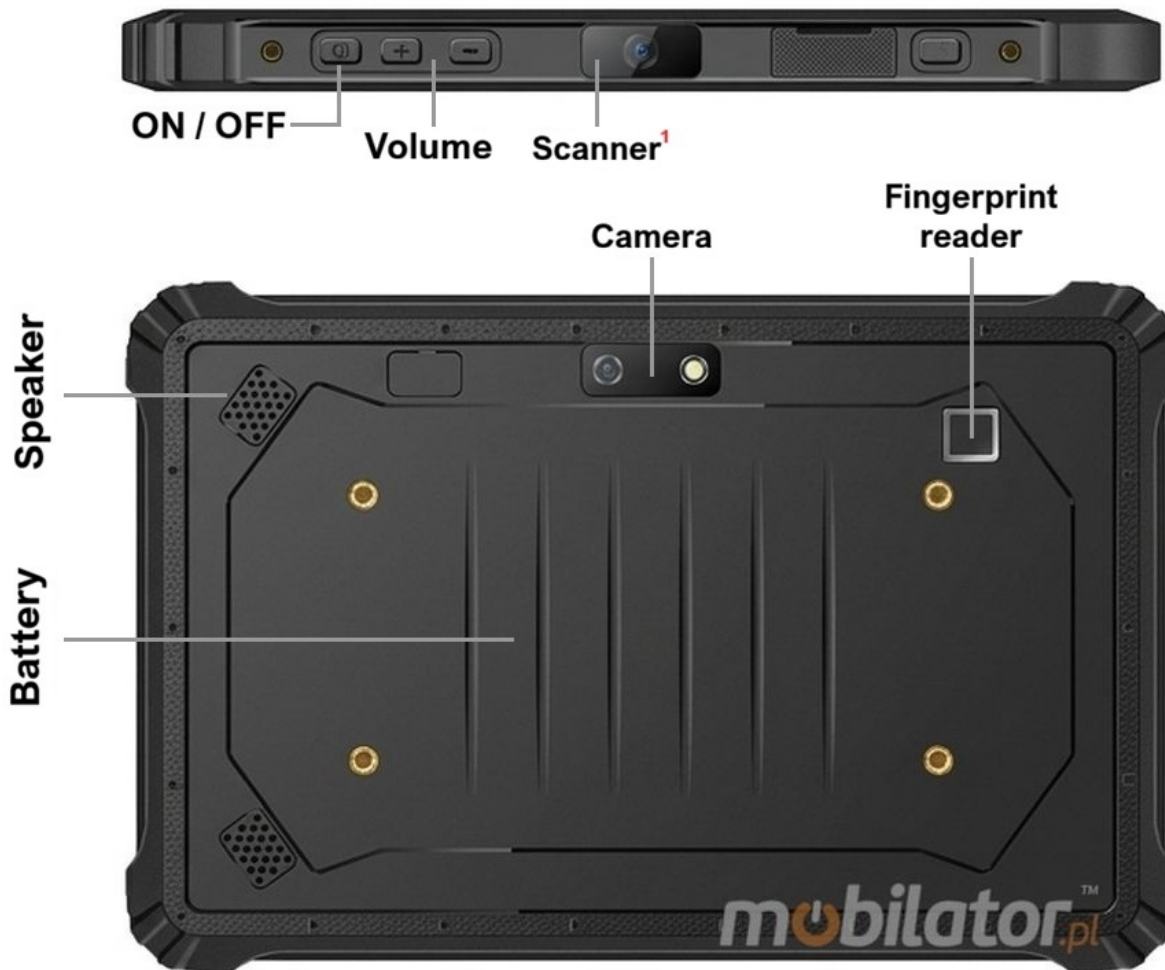
HDMI

SIM / TF

Type-C

Jack

USB



1. Scanner available in appropriate product versions or on request

Dimensions	275 x 179.2 x 21.8mm
Weight	1120 g

The extensive connectivity options include an RJ45 socket for stable wired connectivity and Type-C and mini HDMI ports for fast data and image transfer. An integrated Pogo Pin connector with a dedicated 5V/3A DC input allows for

reliable docking and charging in harsh environments without using USB ports. Micro SIM and TF card support, combined with dual speakers and a microphone, ensures complete mobility and efficient communication in the field. The entire design, equipped with a traditional jack connector, guarantees the versatility necessary for professional applications in logistics and industry.

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DATA COLLECTING

NFC

NFC technology enables fast, contactless data transfer over short distances. Its implementation in industry allows for the complete automation of information flow, eliminating human errors resulting from manual data entry and the limitations of traditional scanning systems. For employees, this translates into a significant improvement in their daily duties – from instant login to workstations and access authorization to intuitive production progress reporting with a single touch of the device, allowing them to focus on core tasks instead of burdensome administration.



The integrated 13.56 MHz NFC module in the MobiPAD MR-1006A is a versatile solution supporting ISO/IEC 14443A/B and 15693 standards. This technology enables lightning-fast personnel authentication, intuitive accessory pairing, and instant data capture at any checkpoint. This automation allows logistics centers and manufacturing plants to significantly optimize their daily operations.

2D scanner * (optional)



The MobiPAD MR-1006A industrial tablet offers the flexibility modern industry demands. Even the basic version guarantees smooth data processing, while optional 2D scanning modules open up new operational possibilities. Full customization allows you to choose the reader perfectly tailored to your needs. Available options include the Newland N1 module, crucial when fast code reading is essential, or the Zebra SE4710 with PRZM technology, which flawlessly handles damaged labels. Regardless of the choice, 360° scanning will ensure your team's peak performance in all conditions.

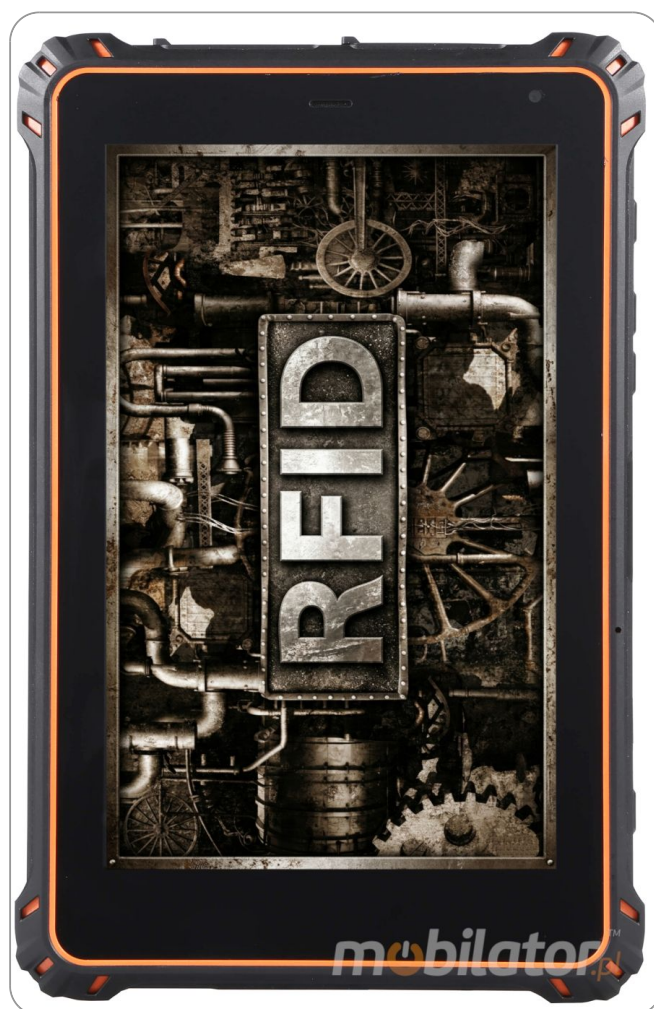
* Optional equipment available in the respective product versions or upon request

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RFID * (optional)

RFID (Radio-Frequency Identification) is an advanced remote radio identification

system. A key advantage of this technology is the ability to simultaneously read multiple transponders (tags) within the antenna's range, eliminating the barriers typical of optical scanners. Thanks to its high resistance to harsh environmental conditions, RFID ensures continuous tracking of material flows and automates logistics processes with minimal staff involvement.



Depending on the required range, the MobiPAD MR-1006A tablet can be equipped with one of two UHF RFID modules. The PR9200 module is a proven choice for operating at a distance of 3-5 meters, ideal for efficiently managing smaller spaces. For users requiring extreme range, we have prepared a version

with the R2000 reader, which easily identifies tags from up to 15 meters away, while offering the highest scanning accuracy on the market.

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

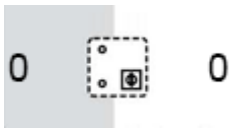

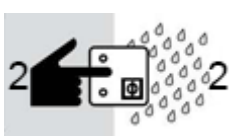






RESISTANCE

IP67 protection class



The IP67 certification defines the precise degree of protection for components, confirming complete dust resistance and some immunity to temporary submersion. In specialized equipment, this standard ensures smooth operation

in challenging environments, such as dusty factory floors or outdoor construction areas. The option of immediate cleaning or use in heavy downpours significantly reduces potential failures and unplanned service interruptions.

Firts digit	Protection level	Second digit
No special protection		No special protection
Protection from solid objects greater than 50mm in diameter		Protection from dripping water
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 armored casing of the MobiPAD MR-1006A variant was designed to provide complete protection for the system. Tested to withstand drops from a height of 1.2 meters, it eliminates potential damage caused by accidental use. This robust device is designed to withstand the harshest and most variable outdoor conditions.

Extreme temperatures

The modern MobiPAD MR-1006A industrial tablet offers stable operation in extreme temperatures ranging from -20°C to 60°C, positioning it as a durable device for the harshest workspaces. The MobiPad is designed to withstand even the harshest storage requirements without failure – in standby mode, it remains functional at temperatures up to 70°C. This product is suitable for all climates, from freezing cold storage rooms to hot manufacturing halls.

Operation temperature : -20°C ~ 60°C

Storage temperature : -30°C ~ 70°C



Operation Temp.	-20°C to 60°C
Storage Temp.	-30°C to 70°C
Humidity	up to 95%

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WIRELESS COMMUNICATION

GPS Navigation

The MobiPAD MR-1006A, a versatile location system in a tablet for heavy-duty work, receives signals from GPS, BeiDou, Galileo, and GLONASS networks. Using these multiple standards allows for quick positioning and provides complete data accuracy anywhere on Earth. This ensures consistent connectivity even in challenging conditions where standard devices fail to function.

Bluetooth 5.3

Bluetooth 5.3 introduces intelligent power management, allowing devices to instantly switch between sleep mode and full performance without lag. Improved channel classification allows devices to better avoid radio interference, ensuring a stable connection even in crowded environments. New security protocols allow for more efficient control of encryption keys, increasing the protection of transmitted data against attacks. This optimizes data transfer, which translates into longer battery life and smoother compatibility between accessories and your phone or tablet.

Wi-Fi network

The WiFi 5 standard enables dual-band wireless connectivity, with the 2.4 GHz

frequency providing extensive range and effective penetration through obstacles, and the 5.8 GHz frequency ensuring high throughput and reduced interference. Supporting multiple protocols (from a to ac), the industrial tablet seamlessly integrates with both legacy warehouse infrastructure and modern, fast office routers. The dual-band solution allows the device to intelligently switch between available networks, ensuring stable data transfer and uninterrupted operation even in the demanding, noisy environment of production halls.

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

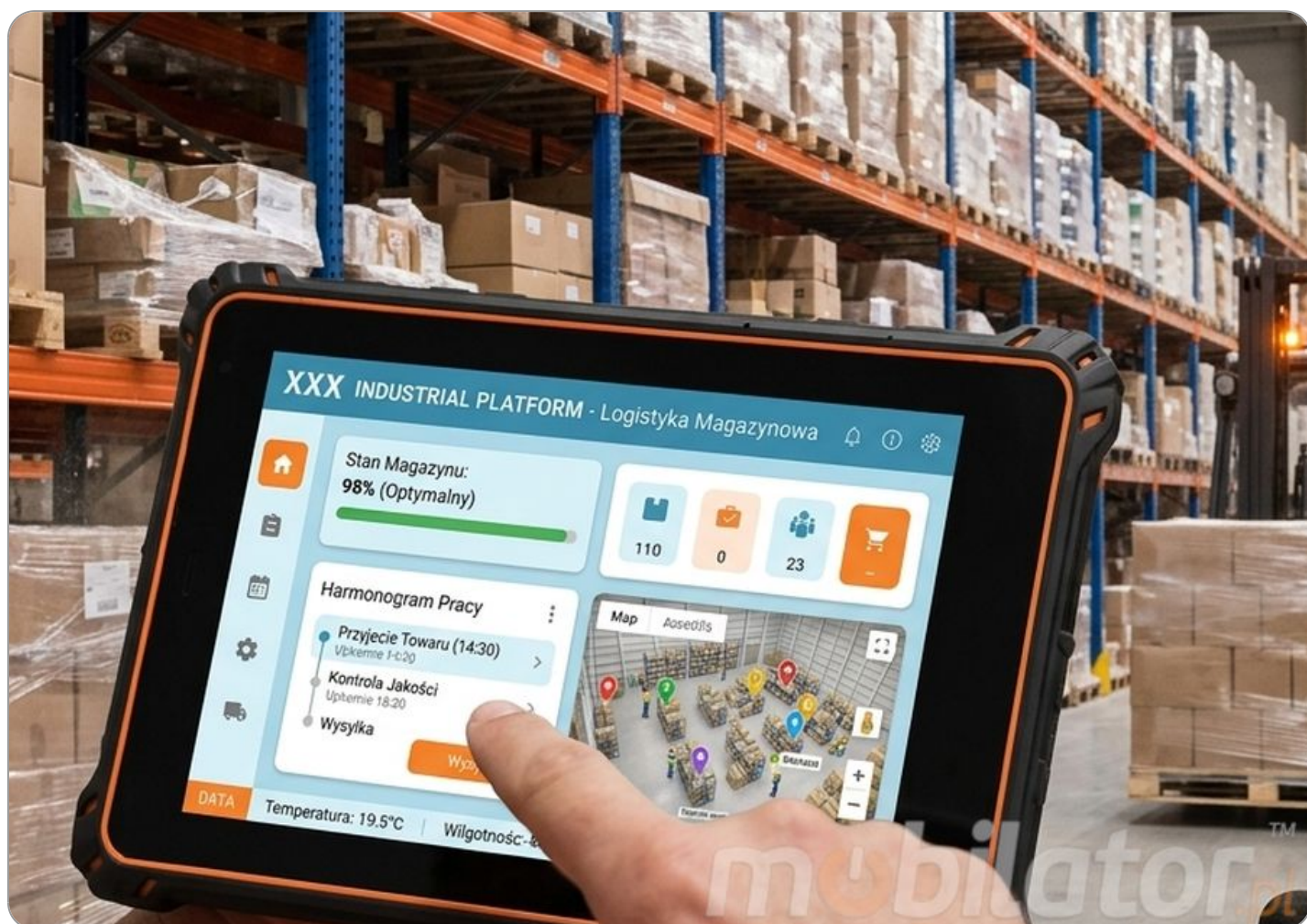
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APPLICATION

Trade and Service

The MobiPAD MR-1006A tablets, running Android 13, are a modern customer service center, enabling lightning-fast sales applications and seamless

multitasking thanks to 8 GB of RAM. Stable WiFi 5 and Bluetooth 5.3 connectivity guarantee uninterrupted data transfer and seamless integration with payment terminals, fiscal printers, and barcode scanners. A generous 128 GB of ROM memory allows for storing extensive product catalogs and technical documentation directly on the device, facilitating fieldwork. As a result, this device significantly accelerates sales processes, shortening service times and enhancing the professionalism of the services provided.



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Industry and Construction

The MobiPAD MR-1006A, thanks to the IP67 standard, guarantees full resistance to construction dust and flooding, making it a reliable tool in difficult field conditions. The 300 NIT screen ensures high readability of diagrams and technical documentation even in intense daylight on the construction site. The integrated 4G module allows employees to communicate instantly with the office and have constant access to cloud-based data without relying on local network infrastructure. A precise GPS system supports logistics and inventory processes, enabling precise monitoring of equipment and personnel locations within large industrial facilities.



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 MobiPAD MR-1006A can be freely configured to suit specific job specifications and budgetary constraints. Available accessories provide enhanced ergonomics and improved functionality in the field. Clicking on a specific item will display technical specifications and prices.

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



mobilatorTM.pl

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](#)

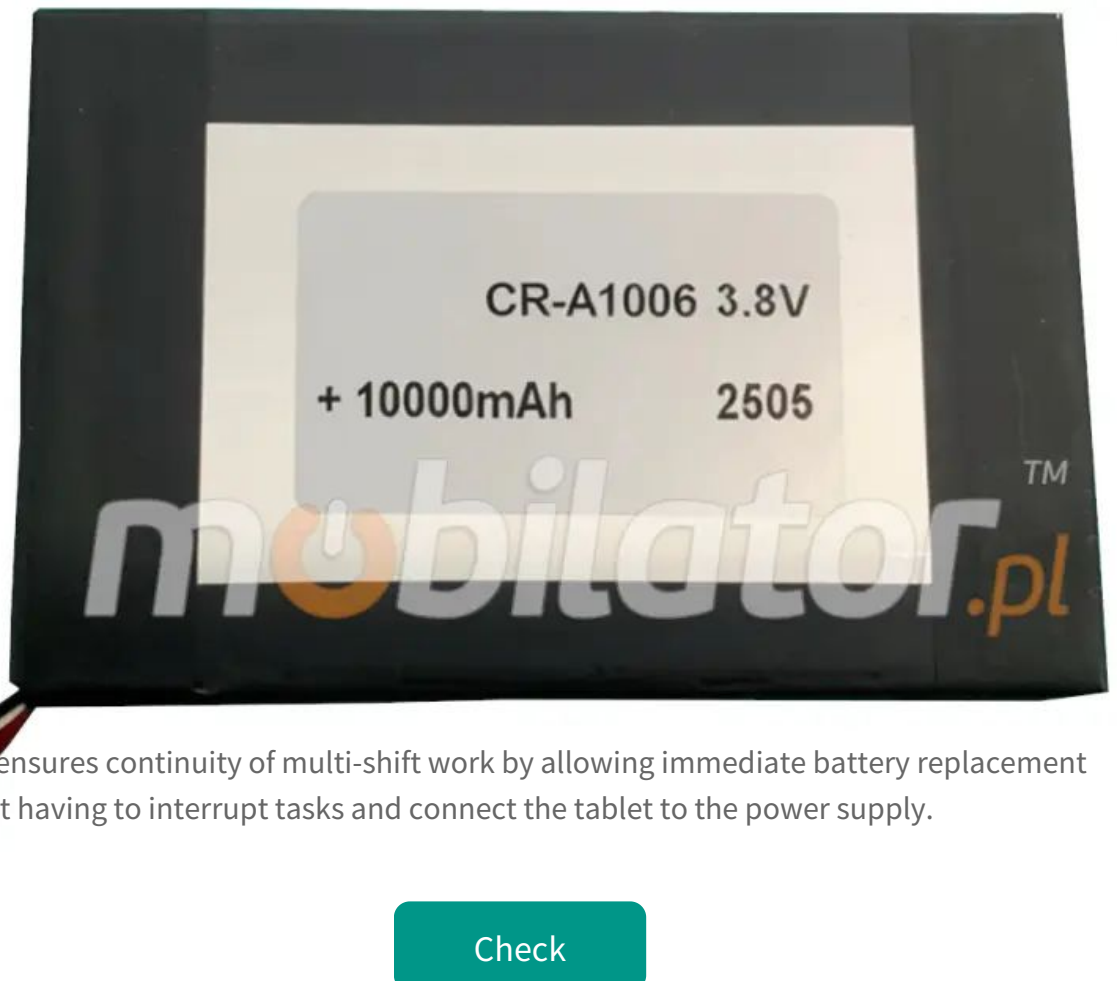
The OTG (On-The-Go) cable



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-1006A model is designed for use in demanding environments and is available in several variants. Selecting a specific item from the list redirects you to the full technical specifications for that device. In addition to the standard product range, customized solutions are also available, prepared upon request.

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

Scanner 2D	—	—	—	—	—	—
RFID UHF	—	—	—	—	—	—
Fingerprint	—	—	+	—	—	+
U-BLOX M8N	—	—	—	—	+	—
	v.7	v.8	v.9	v.10	v.11	v.12
800 nits	—	—	—	—	—	—
1000 nits	+	—	—	—	—	+
Scanner 2D	—	+	—	+	—	+
RFID UHF	—	—	+	—	+	+
Fingerprint	+	—	—	—	—	—
U-BLOX M8N	+	—	—	—	—	—



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