



MobiPAD MR-1003A v.8 - Rugged tablet for warehouse use with an MTK 6877 processor, UHF RFID reader (10m-15m), 4G, and NFC

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobilator
<b>Operating System:</b>	Android 14with GMS
<b>Display:</b>	10.1" 800x1280
<b>Brightness:</b>	450 nits
<b>Processor:</b>	MTK6877 8 cores (2x 2.4GHz + 6x 2.0GHz)
<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°CStorage temperature: -30°C ~ 70°C

<b>Humidity:</b>	up to 95%
<b>1D barcode scanner (reader):</b>	---
<b>2D barcode scanner (reader):</b>	Option 2D ZEBRA SE4710 or 2D Newland N1
<b>RFID scanner (reader):</b>	NFC <b>RFID UHF (10m-15m)</b>
<b>Other:</b>	-----
<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 6
<b>Bluetooth:</b>	Bluetooth 5.3
<b>WAN:</b>	4G LTE
<b>GPS:</b>	GPS   BeiDou   Galileo   GLONASS
<b>Camera:</b>	camera front: 5Mpx camera rear: 13Mpx
<b>In/Out:</b>	1x Type-C USB 2.0   1x Type-A USB 2.0   1x DC 5V/3A 1x Jack   Pogo Pin   1x MicroSIM   1x TF   1x RJ45   2x Aviation plug
<b>Optional accessories:</b>	Yes
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	---
<b>COM port:</b>	RS232
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	Yes
<b>Graphics card:</b>	---
<b>Chipset:</b>	MediaTek Dimensity 900
<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>	Black
<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>	277.48 x 182.74 x 21.5mm
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	1150g

**4 683,41 zł**

net price: 3 807,65 zł

# MobiPAD MR-1003A

**NAJLEPSZE CENA/JAKOŚĆ**

Tablety

Kolektory danych

Komputery panelowe

MiniPC

Totemy

Mobilna mini drukarka MobiPrint MXC 8059  
Android IOS - Bluetooth, USB RS232



- Małe wymiary: 112mm x 82mm x 53mm
- Szerokość druku: 48mm / Szybkość druku: 90mm/s
- Metoda druku: Thermal line / Bateria: 1500mAh
- Łączność: RS232 / USB / Bluetooth
- Systemy: Android / iOS / Windows 7/8/8.1/10

NETTO: **421.80 zł**      BRUTTO: **518.81 zł**

Mobitouch 101A-LF+2D v.6 - (IP65 na panel przedni) wielozadaniowy panel (Android 12) do użytku w przemyśle z 128GB eMMC, RFID



- 10.1 cali (800x1280) ekran pojemnościowy
- RK3568 (4x 2.0 GHz) Android 12 | Skaner 1D/2D
- 8 GB RAM | 256 GB eMMC | 2x głośnik
- IP 65 | WiFi | 5.2 BT | Kamera HD | 4G
- RFID LF (125 kHz) + RFID HF (13.56 MHz)

NETTO: **2131.20 zł**      BRUTTO: **2621.38 zł**

Chainway C63-Cold v.1 - Specjalistyczny terminal kodów kreskowych do pracy w mroźni i chłodni, Android 13 (GM5), bateria



- Android 13 | 4 GB RAM + 64 GB Flash
- Octa-core 2.0GHz | 5600 mAh | BT5.1
- Kamera 13px tył AI | GPS | 4G
- 4 cali | 800x480px | WiFi | USB-C
- Skaner 2D SE4710 | 27 klawiszy

NETTO: **1861.10 zł**      BRUTTO: **2289.15 zł**

**SPECIFICATION**

**RESISTANCE**

**DATA COLLECTING**

**WIRELESS COMMUNICATION**

**APPLICATION**

**ACCESSORIES AND AVAILABLE VERSIONS**

The MR-1003A is an exceptional mobile device, designed for use in environments where conventional electronics fail. Its hardened IP67-compliant housing ensures complete immunity to harsh external factors. The inclusion of a 4G module and a high-capacity 10,000 mAh battery guarantee rapid data transfer and long-term performance. This is a robust device for professionals, combining significant process efficiency with absolute mechanical durability.

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## SPECIFICATION

MobiPAD MR-1003A v.8	
Processor	MTK6877 8 cores 2.4 GHz
Operating system	Android 14
RAM	8GB
ROM	128 GB   256GB * (optional)
Communication	Bluetooth 5.3   Wi-Fi 6   GPS   4G
Display	10.1" 1280×800   450 nits   16:10 1200x1920 * (optional) 800 nits   1000 nits * (optional)
Touch screen	Capacitive (10-point)

## MobiPAD MR-1003A v.8

Protection	IP67
SIM card	Micro SIM
Battery	10000mAh Charging Indicator
Connections	2x speakers   2x MIC   1x Type-C USB 2.0 1x Type-A USB 2.0   1x DC 5V/3A 1x Jack   Pogo Pin 1x Micro SIM   1x TF   1xRJ45   2x Aviation plug <b>** (optional)</b>
Scanner 2D	2D ZEBRA SE4710 <b>* (optional)</b> 2D Newland N1 <b>* (optional)</b>
Radio readers	NFC RFID UHF - PR9200 (3-5m) <b>* (optional)</b> RFID UHF - R2000 (10-15m)
Guarantee	1 year <b>* (optional 2 years)</b>

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

\*\* Aviation plug available during device configuration



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

The MR-1003A is a rugged device equipped with an advanced MTK6877 8-core,

2.4 GHz processor, ensuring stable operation during complex operations. The system is tailored to professional engineering applications, enabling instant data analysis in any environment.

## Ergonomic design

This industrial tablet combines a large workspace with complete mobility. Its ergonomic design and easy-to-read screen ensure comfortable work in the field, making it an ideal choice for professionals who value freedom of movement.



The tablet's durable yet handy design ensures a secure grip and excellent

ergonomics during long hours of field work. The well-thought-out proportions of the housing allow for easy interface operation while maintaining a compact size, ensuring the device doesn't burden the worker and easily fits into handheld equipment. This design harmony guarantees comfortable use of professional software both in tight warehouse spaces and on open construction sites.

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## Capacitive screen



A capacitive touchscreen responds to touch by detecting changes in the electric field caused by the proximity of a finger. This technology provides high

sensitivity, excellent clarity, and exceptional resistance to scratches and heavy use, making it reliable in harsh field conditions.

450 nits screen (800 | 1000 \* optional)

A brightness of 450 nits ensures complete readability of data both indoors and outdoors. High luminance and wide viewing angles allow for instant reading without the need to adjust the screen tilt or search for shade.

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

**10.1"**



The display is designed to eliminate reflections and reduce eye fatigue during extended work. High contrast and stable backlighting ensure precise interface operation and error-free diagram reading, which translates directly into greater efficiency in intense lighting conditions.

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

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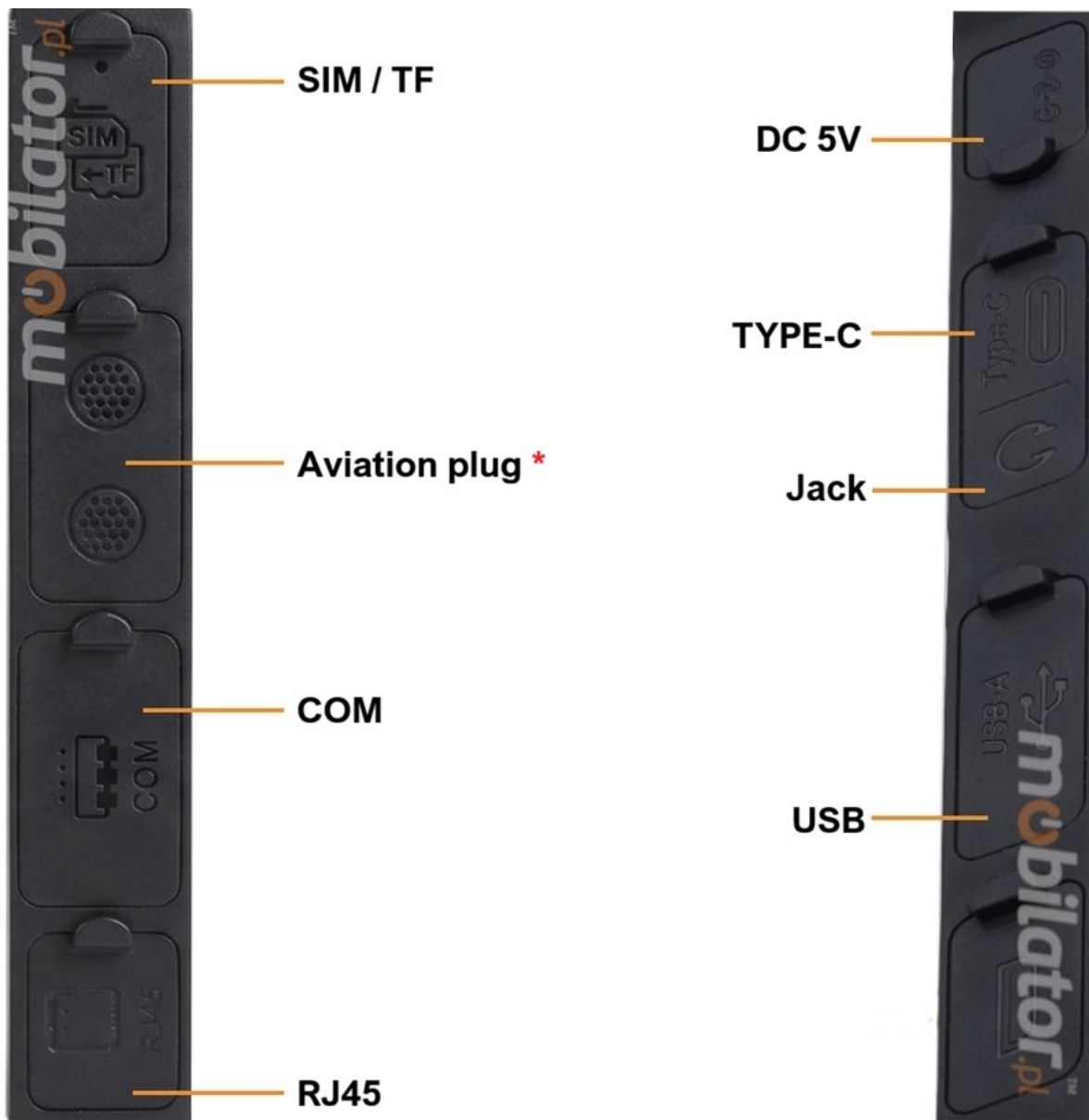
## Connectors, buttons and dimensions

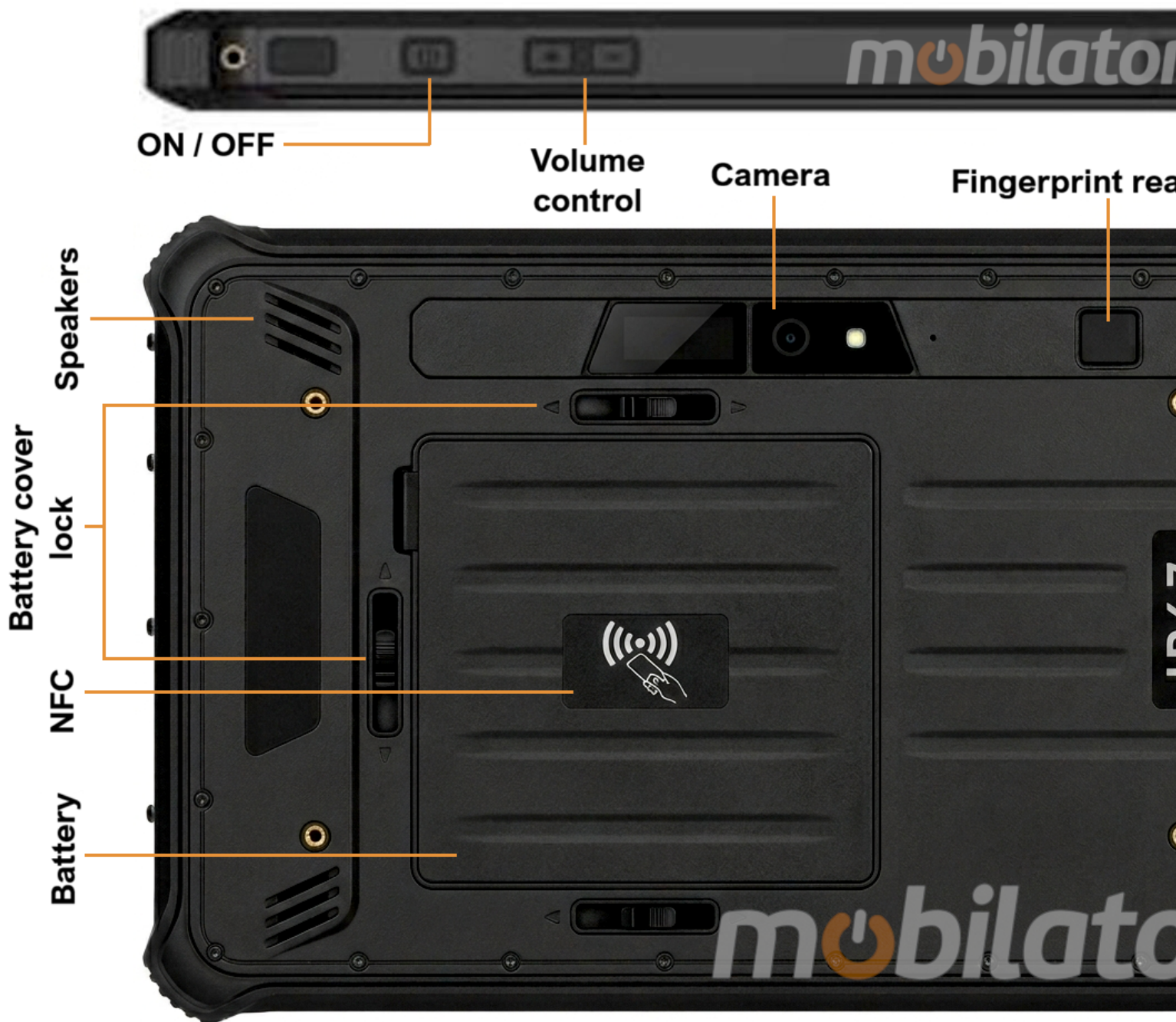
The tablet is designed for the most demanding sectors. A comprehensive set of connectors and high durability guarantee reliability in industry, logistics, and the field – wherever every minute of trouble-free operation counts.

277.48mm



Pogo Pin





\* Aviation plug available during device configuration

\*\* Fingerprint reader available in specific product versions or upon request

<b>Dimensions</b>	277.48 x 182.74 x 21.5mm
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**Weight**

1150 g

The device features two speakers, two microphones, and a comprehensive set of ports: USB-C, USB-A, DC (5.5V/3A), and a 3.5mm jack. Stable connectivity is ensured by a Micro SIM slot, a gigabit RJ45 port, and a PogoPin connector. A unique feature is the two aviation plugs for stable connection to professional accessories (RFID, scanners), which require an optional 2m cable.

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## DATA COLLECTING

### NFC

The NFC standard is a type of near-field communication that enables instant, wireless data exchange over short distances. In industry, this technology is used to automate processes, eliminating the need for manual data entry or traditional scanning.



An innovative and versatile communication solution is the integrated 13.56 MHz NFC module, supporting the 14443A/14443B/15693 standards. This modern technology enables express personnel authorization, efficient hardware pairing, and instant reading of contactless data carriers at any checkpoint. Functional automation significantly streamlines daily operations in large-scale logistics centers and advanced manufacturing processes.

2D scanner \* (optional)



The rugged MobiPAD MR-1003A industrial tablet is available in a variety of configurations. While the basic version focuses on efficient data processing, subsequent configurations already include one of the professional 2D scanning modules. Importantly, each version can be individually configured with a specific scanner, adapting it to operational requirements. The configuration with the Newland N1 module ensures fast code reading (including from screens), while the variant with the Zebra SE4710 scanner utilizes PRZM™ technology for handling damaged labels. Both solutions support 360° omnidirectional scanning, significantly increasing field efficiency.

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

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## RFID

RFID is a contactless identification technology that uses radio waves to rapidly read and write data from multiple tags simultaneously, without the need for visual contact with the label. This solution significantly accelerates logistics and inventory processes, ensuring automatic asset tracking even in challenging operating conditions.

# PR9200

RFID UHF



# R2000

RFID UHF





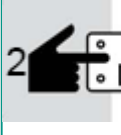
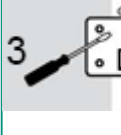

The MobiPAD MR-1003A v.8 tablet for special tasks is equipped with an advanced UHF RFID reader - R2000 (10-15m). This solution is dedicated to special tasks where standard readers with a range of several meters prove insufficient.

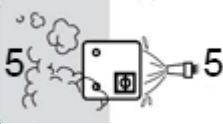

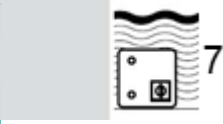
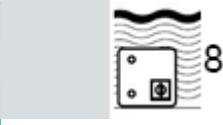
## RESISTANCE

IP67 protection class



The IP67 certification precisely defines the level of protection for components, declaring absolute dust tightness and safe resistance to brief immersion. In professional devices, this certification guarantees uninterrupted operation in demanding locations, such as dusty industrial facilities or open investment areas. The ability to be cleaned directly or operated in heavy rainfall significantly reduces the likelihood of damage and unplanned downtime.

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
Protection from object not greater than 12mm in diameter	2  2	Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter	3  3	Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter	4  4	Protection from splashed water

Firts digit	Protection level	Second digit
Complete protection against contact, Protection against dust deposit		Protection from water projected from a nozzle
Complete protection 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 durable MobiPAD MR-1003A case was designed to provide absolute protection for your electronics. Tested to withstand impacts from a height of 1.2 meters, it eliminates any damage caused by accidental use. This is a reliable piece of equipment, adapted to the harshest and most unpredictable terrain.

## Extreme temperatures

The advanced MobiPAD MR-1003A model operates smoothly in extreme

temperature ranges from -20°C to 60°C, making it a reliable piece of equipment for the harshest work environments. The unit is configured to withstand even the most stringent storage standards without incident, maintaining operational efficiency at 70°C when inactive. This solution is suitable for any environmental challenge, from icy cold storage rooms to intensely heated production spaces.

**Operation temperature: -20°C ~ 60°C**

**Storage temperature: -30°C ~ 70°C**



**Operation Temp.**

-20°C to 60°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 multifunctional positioning module in the MobiPAD MR-1003A special-purpose tablet utilizes GPS, BeiDou, Galileo, and GLONASS signals. The combination of these standards ensures rapid coordinate determination and maximum accuracy of information anywhere on the globe. This technology guarantees uninterrupted reception even in harsh environments where typical devices lose reception.

### Bluetooth 5.3

The modern and efficient Bluetooth 5.3 standard provides the foundation for reliable and cost-effective transmission in demanding operating environments. The Connection Subrating mechanism allows for rapid balancing between low-voltage power consumption and maximum efficiency, significantly enhancing long-term cell life while maintaining uninterrupted data transfer.

## Wi-Fi network

The versatile MR-1003A offers lightning-fast data transfer thanks to support for the modern 802.11ax Wi-Fi standard. Dual-band operation allows for autonomous interference avoidance in crowded areas, ensuring smooth, interruption-free reception of large files. Full compatibility means the tablet seamlessly connects to any router in established businesses.

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

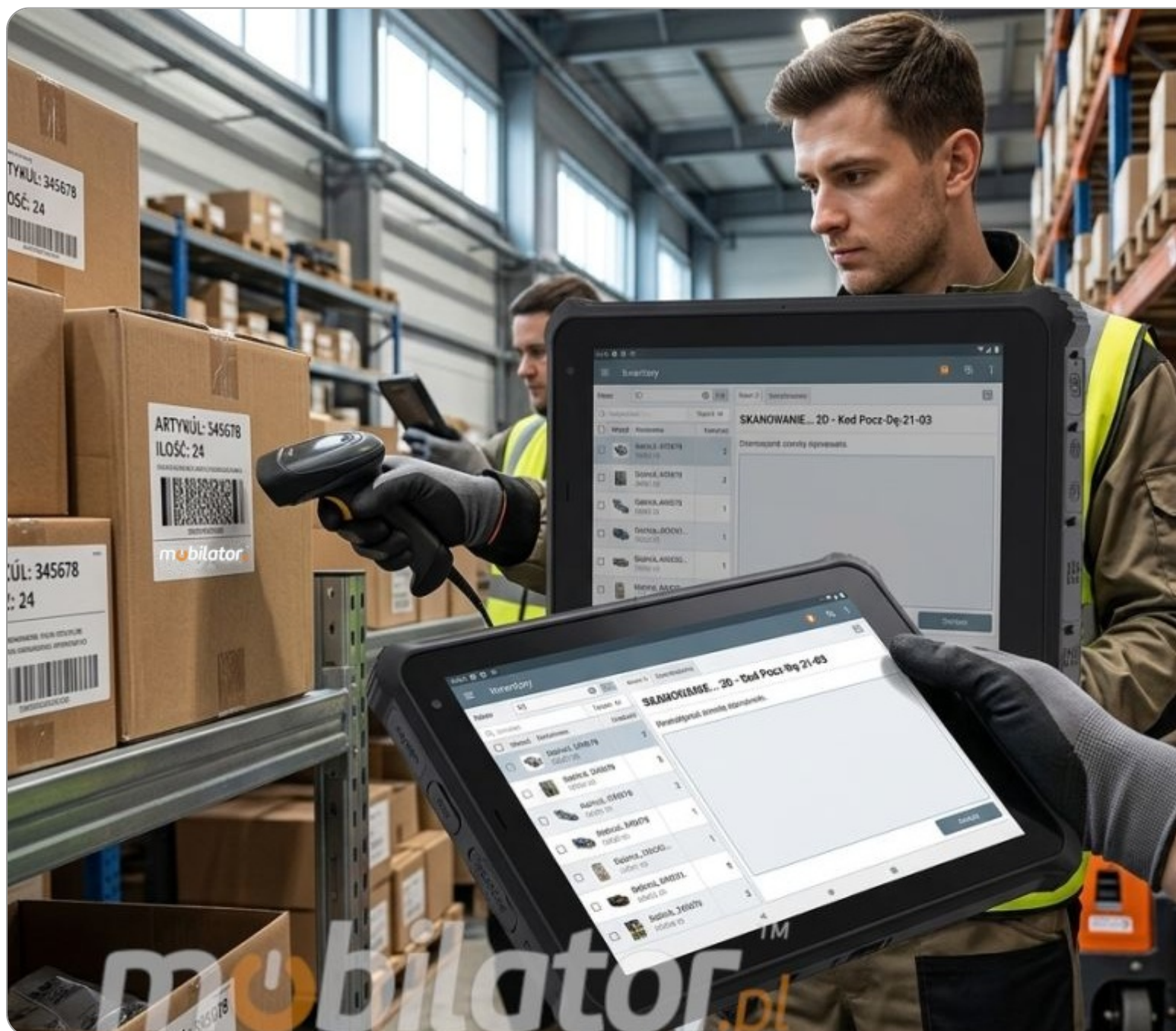
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## APPLICATION

### Trade and Service

The MobiPAD MR-1003A is a practical tool for salespeople and logistics professionals, combining simple operation with aesthetically pleasing product presentation and fast data collection. Thanks to reliable LTE and Wi-Fi connectivity, the device allows for real-time invoice issuance and efficient

inventory updates directly from the field. Modern Bluetooth 5.3 ensures a stable and cost-effective connection to printers and scanners, making work on the go easier. The built-in NFC module allows for instant employee login and reliable task confirmation, increasing safety in any environment.



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## Industry and Construction

This rugged industrial tablet provides a solid foundation for enterprise digitalization. Designed for environments where conventional devices can quickly break down, the tablet offers full IP67 protection. This means it's completely dust-resistant and water-safe. It's a great choice for working in dirty warehouses, with difficult spills, or outdoors in inclement weather.



## 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

A wide selection of optional extras allows you to precisely customize the MobiPAD MR-1003A to your specific needs and budget. This list presents dedicated extensions that significantly enhance the ergonomics of operation and versatility of the device in the field. Selecting a specific item will take you to the technical parameters and current price list.

### 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



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

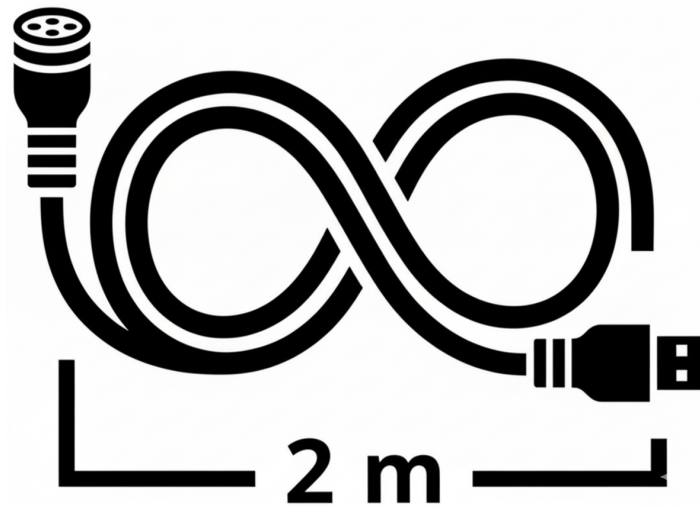
## The spare battery



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

### The 2m auxiliary connector cable



The two-meter Aviation plug cable provides a secure, twisted and shock-resistant connection, enabling stable communication between the tablet and an aircraft or industrial installation.

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

Designed for demanding environments, the rugged MobiPAD MR-1003A is available in a variety of variants to meet varying requirements. Selecting a specific hardware designation will take you to a device description with the specifications presented in the table. Additionally, upon special request, we prepare component kits that exceed our standard range.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8	v.9	v.10
8 + 128GB										—
8 + 256GB	—	—	—	—	—	—	—	—	—	
800 nits	—			—	—	—	—	—	—	—
1000 nits	—	—	—		—	—	—	—		—
2D scanner	—	—	—	—		—				—
RFID UHF	—	—	—	—	—		—	—		—
	v.11	v.12	v.13	v.14	v.15	v.16	v.17	v.18	v.19	
8 + 128GB	—	—	—	—	—	—	—	—	—	
8 + 256GB										

800 nits	—	—	—	—	—	—	—	—	—	—
1000 nits					—	—	—	—		
2D scanner	—	—	—	—		—		—		
RFID UHF	—	—	—	—	—		—			



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