



Mobipad 10DS-RTNL v.8 - Rugged tablet with a large 5550mAh battery, IP68, Windows 11, NFC, 16GB RAM, Intel N5100 - designed for special tasks

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Windows 11 Pro
<b>Display:</b>	10.1" (1920x1200) 16:10
<b>Brightness:</b>	700 nits
<b>Processor:</b>	Intel JASPER LAKE N5100
<b>Memory:</b>	<b>16GB</b>
<b>Hard Drive:</b>	No
<b>Flash Memory:</b>	<b>256GB</b>
<b>Touch screen:</b>	Capacitive   10-point touch
<b>Durability:</b>	IP68
<b>Drop:</b>	1.2m
<b>Shock:</b>	MIL-STD-810
<b>Vibration:</b>	MIL-STD-810
<b>Temperature:</b>	Operating temperature: -10°C -- 50°C Storage temperature: -30°C -- 70°C
<b>Humidity:</b>	0% -- 95%
<b>1D barcode scanner (reader):</b>	No
<b>2D barcode scanner (reader):</b>	No (available in other configuration)
<b>RFID scanner (reader):</b>	No

<b>Other:</b>	<b>NFC</b>
<b>Battery:</b>	7.6V/5550mAh
<b>Working time on battery:</b>	7h
<b>Fast battery replacement ability:</b>	No
<b>HotSwap battery:</b>	No
<b>LAN:</b>	Yes
<b>WLAN:</b>	IEEE 802.11 a/b/g/n/ac (Dual band)
<b>Bluetooth:</b>	Bluetooth 5.0
<b>WAN:</b>	4G
<b>GPS:</b>	Yes
<b>Camera:</b>	Rear: 8Mpx, FlashFront: 5Mpx
<b>In/Out:</b>	USB type C   USB 3.0 type A   POGO PIN   mini HDMI   3.5mm audio jack   Micro SIM   TF
<b>Optional accessories:</b>	Docking station, car holder, stylus, car charger
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	No
<b>COM port:</b>	Yes
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	-----
<b>Graphics card:</b>	Intel Iris Xe Graphics
<b>Chipset:</b>	Jasper Lake
<b>BIOS:</b>	-----
<b>Casing material:</b>	ABS/PC
<b>Flash Card Reader:</b>	TF card (max. 256GB)
<b>CD/DVD:</b>	No
<b>Audio:</b>	Built-in speaker x2
<b>Keyboard:</b>	Onscreen

<b>Additional Navigation Devices :</b>	No
<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>	IP68, MIL-STD-810
<b>Waterproof:</b>	IPX8
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	276x180.5x22.5mm
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	1.22kg

**831,36 €**

net price: 675,90 €

intel.  WiFi



## SPECIFICATION

## RESISTANCE

## DATA COLLECTING

## WIRELESS COMMUNICATION

## APPLICATION

## ACCESSORIES AND AVAILABLE VERSIONS

The durable Mobipad 10DS-RTNL is a rugged industrial tablet designed for demanding environments. It features a 10.1-inch display and an Intel N5100 processor. Users have access to 16GB of RAM and 256GB of storage, all housed in an IP68-rated durable case. The

1920×1200 px display with 700 nits brightness, protected by Corning Gorilla Glass III, ensures excellent readability even in bright sunlight, making it ideal for fieldwork. Connectivity is provided via LTE, Wi-Fi, Bluetooth, and GPS, and the 5550 mAh battery allows up to 7 hours of operation without charging.

## SPECIFICATION

Processor	
Graphics	
Operating system	
RAM	
SSD	
Display	10.1" T
Touch screen	
Battery	
Camera	
Protection	
Communication	Wi-F

Connectors	1x 12 PIN POGO PIN (USB+Charging) 1x USB Type C (USB OTG+Charging) 1x USB 3
Memory card	
SIM card	
Sensor	
Scanner 2D	

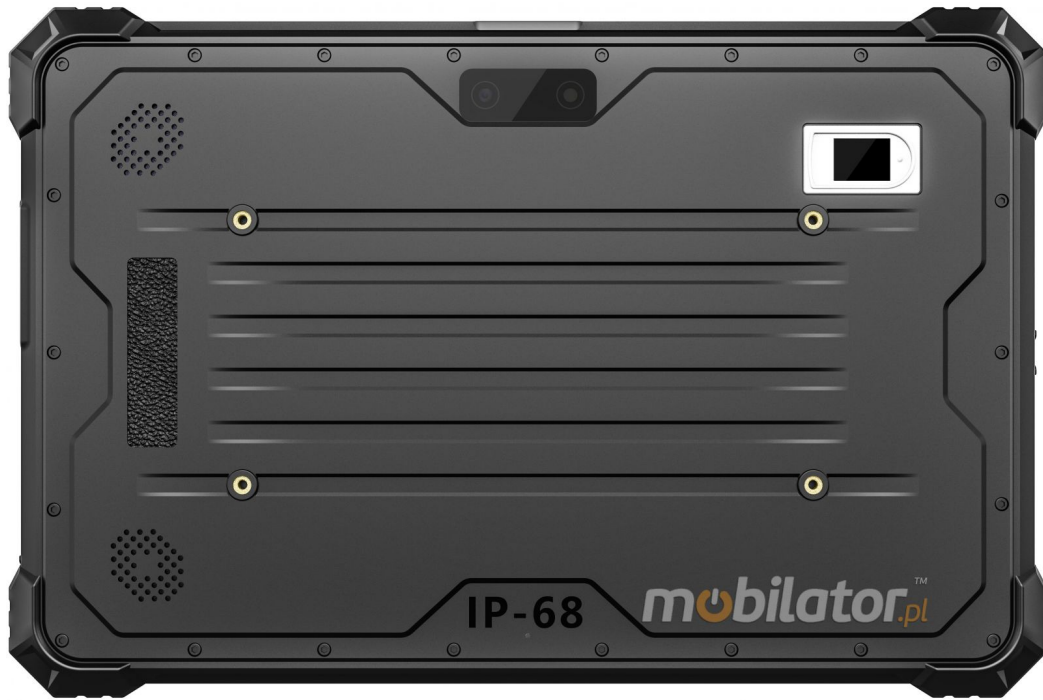
\* Optional equipment, available on specific versions only.



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

### Ergonomic design

The rugged Mobipad 10DS-RTNL tablet features a powerful Intel Jasper Lake N5100 processor, intelligently adjusting its performance with four cores and four threads to meet current demands. Paired with 16 GB of RAM, the industrial tablet ensures smooth operation during data analysis, running advanced applications, and fast response in fieldwork. This durable tablet is perfect for professionals who require reliable performance in challenging environments.



The rugged Mobipad 10DS-RTNL tablet is designed for extreme environments – from busy production halls to challenging open construction sites. Its durable IP68-rated casing protects internal components from dust and water, while reinforced seals absorb shocks and minimize the impact of drops from up to 1.2 meters. Non-slip edges and reinforced corners ensure a secure grip, making this rugged tablet a reliable tool for professionals working in the field.

<b>Dimensions</b>	276 x 180.5x 22.5mm
<b>Net weight</b>	1.24 kg

## Capacitive screen

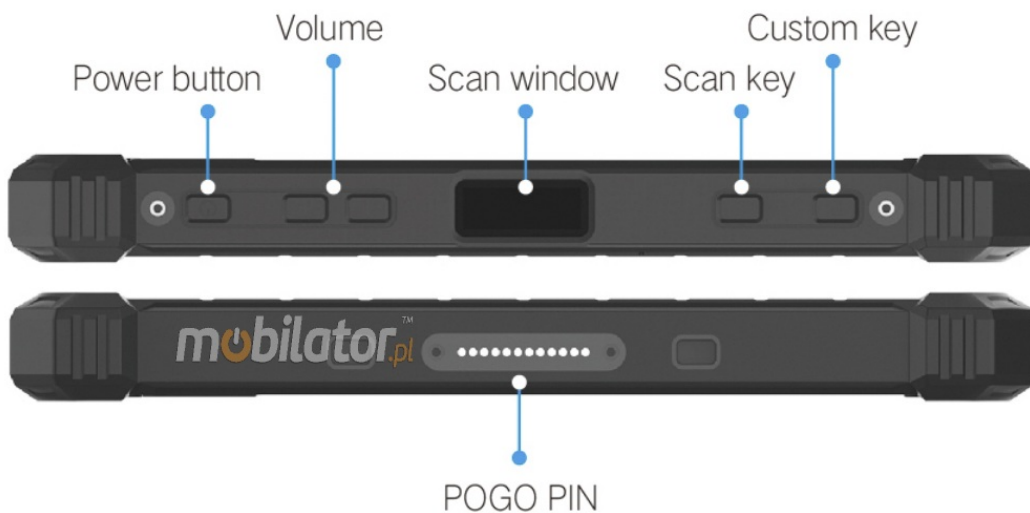


The versatile Mobipad 10DS-RTNL industrial tablet features a TFT-LCD display with 700 nits brightness and 1920×1200 px resolution, ensuring excellent visibility even in direct sunlight. Its durable Corning Gorilla Glass III coating protects the screen from scratches and impacts, while the 10-point capacitive touchscreen allows precise navigation and fast data entry. These features make the tablet perfect for any environment – in the office or in the field, making it an ideal rugged or industrial fieldwork tablet.

## Connectors and buttons

The versatile Mobipad 10DS-RTNL industrial tablet comes with a comprehensive set of ports and interfaces, allowing connection of a wide range of accessories and peripheral devices. These include USB-C with OTG and charging support, USB 3.0, mini HDMI, a 3.5 mm audio jack, as well as a micro-SIM slot and TF card reader, making this tablet perfect for office tasks and fieldwork alike.





up...

menu...

## DATA COLLECTING

Barcode scanner (optional)

The industrial mobile tablet Mobipad 10DS-RTNL, featuring a built-in barcode scanner, allows fast reading and seamless data transfer to a computer. With its wide scanning range and precise module, this rugged tablet boosts warehouse productivity, improving speed and accuracy in logistics operations.

**Scanner 2D**

Newland N1

\* Optional equipment, available on specific versions only.

up...


menu...



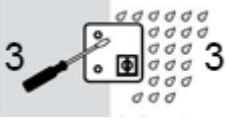
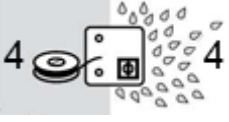




## RESISTANCE

IP68 protection class



The rugged Mobipad 10DS-RTLN tablet, with IP68 certification, offers superior protection against dust and temporary water immersion. This reliable industrial tablet is perfect for industries requiring durable equipment capable of withstanding harsh working conditions in warehouses, production halls, and outdoor environments.

First digit	Protection level	Second digit
No special protection	0  0	No special protection

First digit	Protection level	Second digit
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 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

MIL-STD 810 Standard



The rugged Mobipad 10DS-RTNL military tablet meets the MIL-STD-810 standard, used by the US military, ensuring durability in harsh environmental conditions. With mechanical resistance (drop from 1.2 m), this industrial tablet is perfect for demanding field and industrial environments, providing reliability and safety even in extreme situations.

Extreme temperatures

The rugged Mobipad 10DS-RTNL field tablet is designed for operation in demanding conditions, functioning reliably in temperatures from -

10°C to 50°C. When powered off, the industrial tablet can withstand temperatures from -30°C to 70°C, ensuring dependable performance even in extreme environmental conditions.

<b>Working Temp.</b>	-10°C to 50°C
<b>Storage Temp.</b>	-30°C to 70°C
<b>Humidity</b>	0% to 95%

[up...](#)

[menu...](#)

## WIRELESS COMMUNICATION

### GPS Navigation

The rugged and waterproof industrial tablet Mobipad 10DS-RTNL features a high-precision GPS module, combining accurate positioning with low power consumption. This field-ready mobile tablet enables fast and stable location tracking, ensuring safe navigation even in challenging industrial and outdoor environments, enhancing efficiency in field operations.

## Bluetooth 5.0

The advanced industrial tablet Mobipad 10DS-RTNL features Bluetooth 5.0, enabling energy-efficient, short-range communication with peripheral devices such as printers, keyboards, RFID readers, scanners, and headphones. With improved connection stability and faster data transfer compared to previous versions, this rugged mobile tablet enhances fieldwork comfort and operational efficiency.

## Wireless Wi-Fi

The professional Mobipad 10DS-RTNL tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac at 2.4 GHz and 5.8 GHz, providing fast and stable access to local networks and the Internet both in the office and in the field. With data throughput up to 1300 Mbps, this rugged tablet ensures smooth operation, efficient file transfers, and reliable online connectivity in any environment.

<b>Standards</b>	WiFi 802.11(a/b/g/n/ac)
<b>Frequencies</b>	2.4GHz/5.8GHz (Dual-Band)

NFC (Near Field Communication) technology in industrial tablets provides a short-range wireless communication standard, enabling fast data exchange within a few centimeters. NFC is perfect for applications such as access control, employee authorization, logistics, and payment processing. The advanced Mobipad 10DS-RTNL tablet allows NFC tag reading and integration with smart card systems, enhancing operational efficiency in businesses and warehouses.

**NFC 13.56MHz**

Obsługa protokołów ISO14443A,  
ISO14443B, ISO15693, MIFARE  
Classic

Zasięg do 3cm



[up...](#)

[menu...](#)

**APPLICATION**

## Trade and Services

The rugged and versatile Mobipad 10DS-RTNL tablet is an essential tool for sales representatives and field workers. Equipped with advanced mobile applications, it enables fast data collection, client verification, product presentations, and sales document generation. This mobile warehouse tablet also supports invoice creation, order processing, and real-time data synchronization with ERP systems, regardless of location, thanks to GSM and Wi-Fi connectivity.



## Industry and Construction

The rugged and waterproof Mobipad 10DS-RTNL industrial tablet features dust and water resistance (IP68), ensuring safe operation in challenging conditions, production halls, and construction sites. With advanced mobile applications, this versatile field tablet is perfect for

work supervision, data collection, and efficient management of infrastructure and human resources.



### Service and Diagnostics

The powerful and rugged Mobipad 10DS-RTNL industrial tablet is perfect for car services and workshops. This workshop tablet, with its durable design and LTE, Wi-Fi, and GPS connectivity, supports technicians in vehicle diagnostics, on-board system data analysis, and handling service documentation. The option to install specialized software allows error reading, vehicle system configuration, and access to diagrams and repair history, improving work efficiency and precision.



[up...](#)

[menu...](#)

## ACCESSORIES AND AVAILABLE VERSIONS

We offer a range of additional accessories for this innovative tablet to further enhance its functionality and comfort of use. Below is a list of available accessories. Click on the accessory name or the "Check" link to be taken to a page with a description and price of the accessory.

[Car charger](#)



Reliable car charger that allows to charge the device while operating a vehicle.

[Check](#)

Stylus



Accurate stylus allowing for easier use of the device.

[Check](#)

Car holdeer



Solid car holder allowing for safer and easier use of the device in the car.

[Check](#)

## Docking station



Multifunctional docking station with multiple ports.

[Sprawdź](#)

## Hand strap



Wrist strap for comfortable use while working with an industrial tablet

[Check](#)

The professional Mobipad 10DS-RTNL tablet is available in several versions to suit different needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters given in the table below. In addition, on request, you can create a configuration not currently available in the offer.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8	v.9	v.10
8GB RAM+128GB ROM	+	+	+	+	+	-	-	-	-	-
16GB RAM+256GB ROM	-	-	-	-	-	+	+	+	+	+
5G	-	+	-	-	+	-	+	-	-	+
NFC	-	-	+	+	+	-	-	+	+	+

Scanner 2D



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