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Mobipad 10DS-RTC v.1 - 10.1inch IP67 MIL-STD-810G rugged tablet with Intel i5, 16GB RAM, 256GB SSD, NFC, and GPS - ideal for field and industrial use

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Windows 11 Pro
Display:	10.1" (1920x1200) 16:10
Brightness:	700 nits
Processor:	Intel Core i5-1235U
Memory:	16GB
Hard Drive:	256GB
Flash Memory:	No
Touch screen:	Capacitive 10-point touch
Durability:	IP67
Drop:	1.2m
Shock:	MIL-STD-810
Vibration:	MIL-STD-810
Temperature:	Operating temperature: -20°C -- 60°C Storage temperature: -30°C -- 70°C
Humidity:	0% -- 95%
1D barcode scanner (reader):	Brak
2D barcode scanner (reader):	No (available in other configuration)
RFID scanner (reader):	No

Other:	-----
Battery:	7.6V/10000mAh
Working time on battery:	10h
Fast battery replacement ability:	Yes
HotSwap battery:	Yes
LAN:	Yes
WLAN:	IEEE 802.11 a/b/g/n/ac (Dual band)
Bluetooth:	Bluetooth 5.2
WAN:	4G
GPS:	Yes
Camera:	Rear: 8Mpx, FlashFront: 5Mpx
In/Out:	USB type C USB 3.0 type A POGO PIN mini HDMI 3.5mm audio jack Micro SIM TF
Optional accessories:	Docking station, car holder, stylus
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	Yes
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Intel Iris Xe Graphics
Chipset:	Alder Lake
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	TF card (max. 1TB)
CD/DVD:	No
Audio:	Built-in speaker x2
Keyboard:	Onscreen

Additional Navigation Devices :	No
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP67, MIL-STD-810
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	277.48x182.74x21.5mm
Fanless casing:	Yes
Weight:	1.22kg

5 138,33 zł

net price: 4 177,50 zł

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4G LTE



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

Durable and compact Mobipad 10DS-RTC tablet features an 10.1-inch display and an Intel Core i5-1235U processor, delivering high performance for demanding applications. Equipped with 16GB of RAM and 256GB of storage, this robust industrial tablet comes in a IP67-certified rugged design, ensuring protection against dust and water. The 1920×1200 px display with 700 nits brightness and Corning Gorilla Glass III provides excellent readability even under bright sunlight.

SPECIFICATION

Mobipad 10DS-RTC

Processor	Intel i5-1235U
Graphics	Intel UHD Graphics
Operating system	Windows 11 Pro
RAM	16GB DDR5 (max 32GB)
SSD	256GB M.2 SSD (max 2TB)
Display	10.1" TFT-LCD, 1920×1200, 700 nits, Corning Gorilla Glass III
Touch screen	Capacitive (10-point)
Battery	7.6V/10000mAh (removable)
Camera	5MP front FF 8MP rear AF (optional 13MP)
Protection	IP67
Communication	Wi-Fi 6 Bluetooth 5.2 GPS+GLONASS/Galileo 4G LTE
Connectors	<ul style="list-style-type: none"> 1x 12 PIN POGO PIN (USB+Charging) 1x USB Type C (USB OTG+Charging) 1x USB 3.0 Type A 1x Mini HDMI 1x 3.5mm earphone jack 1x RJ45 Standard 1x RS232 Standard 1x DC Jack 2x aviation ports for CAN/COM/USB/DC
Memory card	TF card (max 1TB)
SIM card	Micro SIM
Sensor	Gravity sensor (G-sensor), gyroscope, compass, distance sensor
Scanner 2D	1D/2D Scanner (optional)

* Optional equipment, available on specific versions only.



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

Ergonomic design

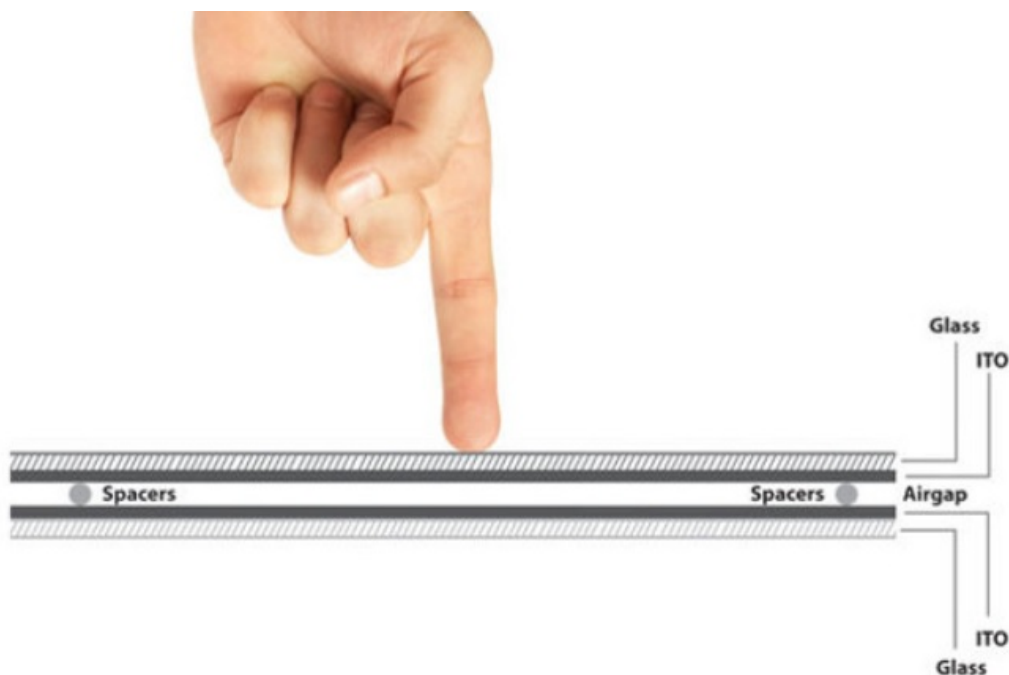
The robust and high-performance Mobipad 10DS-RTC tablet is powered by an Intel Core i5-1235U processor. This four-core, eight-thread CPU intelligently allocates computing power for optimal performance. Combined with 16 GB of RAM, the efficient industrial tablet handles demanding tasks such as data analysis, running specialized applications, and quick responses to field operations, making it ideal for challenging work environments.



The rugged and durable Mobipad 10DS-RTC tablet is designed for demanding environments, from production halls to open construction sites. Its IP67-rated rugged housing protects internal components from dust and water, while reinforced seals absorb impacts from accidental drops up to 1.2m. Non-slip edges and strengthened corners ensure a secure grip, making this industrial-grade mobile tablet ideal for reliable operation in harsh conditions.

Dimensions	277.48 x 182.74 x 21.5 mm
Net weight	1.22 kg

Capacitive screen



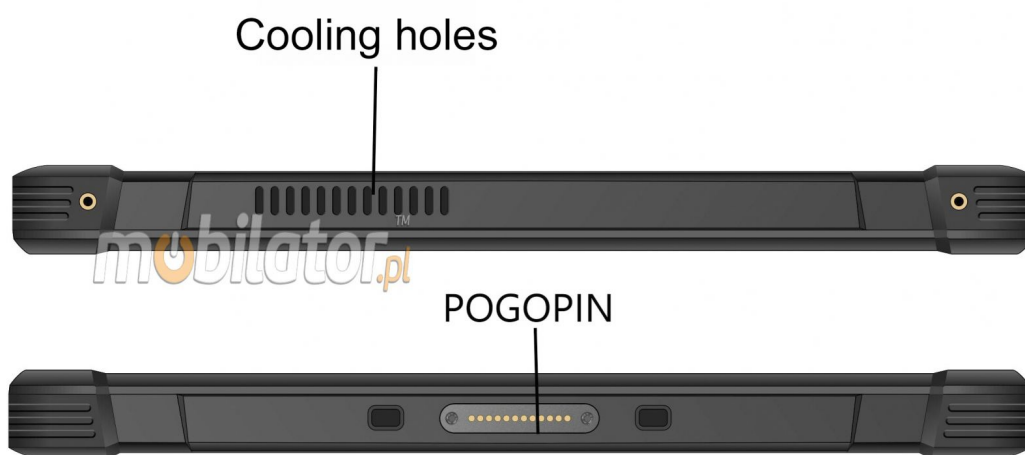
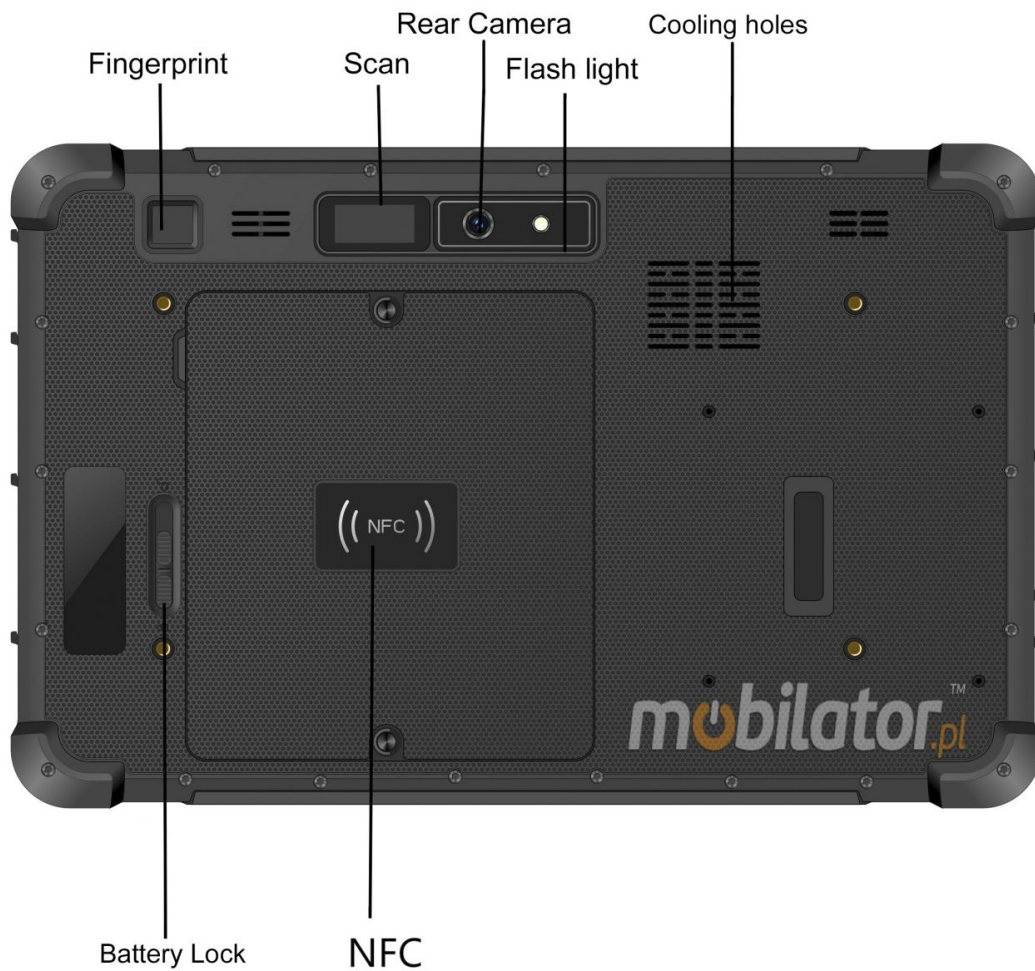
The versatile Mobipad 10DS-RTC tablet features a TFT-LCD display combining 700 nits brightness with a 1920×1200 px resolution, ensuring clear visibility even in direct sunlight. Its durable Corning Gorilla Glass III coating protects the screen from scratches and impacts, while the 10-point capacitive touchscreen allows precise navigation and fast data entry. This modern industrial tablet performs reliably in any environment—both in the office and out in the field.

Connectors and buttons

The versatile Mobipad 10DS-RTC tablet offers a well-designed set of interfaces, allowing connection to a wide range of accessories.

Available ports include USB-C with OTG and charging, USB 3.0, mini HDMI, a 3.5 mm audio jack, as well as a micro-SIM slot and TF card reader.



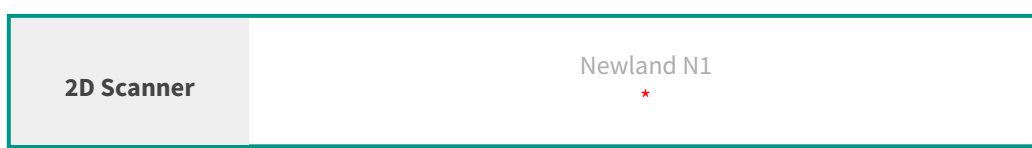




DATA COLLECTING

Barcode scanner (optional)

The mobile industrial Mobipad 10DS-RTC tablet with a built-in barcode scanner enables fast reading and transmission of data to a computer. Thanks to its wide scanning range and precise Newland N1 module, it boosts speed and efficiency in warehouse operations. Its intuitive design and simplified setup allow the practical warehouse tablet to be quickly ready for use.







* Optional equipment, available on specific versions only.




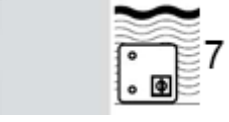

RESISTANCE

IP67 protection class



The rugged Mobipad 10DS-RTC tablet for special tasks meets the IP67 standard, providing strong protection against dust and temporary immersion in water. It is a reliable solution for industries where equipment durability and resistance to harsh working conditions are essential.

First 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°)

First digit	Protection level	Second digit
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 durable and rugged military-grade Mobipad 10DS-RTC tablet meets the MIL-STD-810 standard, a military durability benchmark used by, among others, the U.S. Army, defining equipment resistance to harsh environmental conditions. Thanks to its mechanical resilience compliant with MIL-STD-810 (drop from 1.2m), this industrial mobile tablet is perfectly suited for demanding field and industrial environments, offering reliability and safety even in extreme situations.

Extreme temperatures

The field-ready Mobipad 10DS-RTC tablet, designed for operation in challenging conditions, is capable of continuous use across a wide temperature range from -20°C to 60°C. When powered off, this durable industrial tablet can withstand temperatures from -30°C to 70°C, ensuring reliability even in extreme environmental conditions.

Working Temp.	-20°C to 60°C
Storage Temp.	-30°C to 70°C
Humidity	0% to 95%

WIRELESS COMMUNICATION

GPS Navigation

The waterproof and rugged industrial Mobipad 10DS-RTC tablet is equipped with a precise GPS module that combines low power consumption with high location accuracy. This mobile field tablet enables fast and stable positioning, ensuring safe navigation even in challenging industrial and outdoor environments, thereby enhancing fieldwork efficiency.

Bluetooth 5.2

The modern and functional Mobipad 10DS-RTC tablet is equipped with Bluetooth 5.2, enabling energy-efficient short-range communication with devices such as printers, keyboards, RFID readers, scanners, or headsets. This high-performance mobile tablet offers greater connection stability and speed compared to previous versions, while reducing power consumption, thereby enhancing comfort and efficiency in field operations.

Wireless Wi-Fi

The professional Mobipad 10DS-RTC tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac, operating on both 2.4 GHz and 5.8 GHz bands. This enables fast access to local networks and the Internet, whether in the office or in the field, providing high stability and data throughput of up to theoretical 9.6 Gbps.

Standards	WiFi 6 802.11(a/b/g/n/ac)
Frequencies	2.4GHz/5.8GHz (Dual-Band)

NFC communication

NFC (Near Field Communication) technology is a short-range wireless communication standard that allows data exchange over just a few centimeters. NFC is ideal for applications such as access control, employee authentication, logistics, and payment processing. The modern industrial Mobipad tablet enables tag reading and integration with smart card systems.

APPLICATION

Trade and Services

The durable and versatile Mobipad 10DS-RTC tablet is an ideal tool for sales and field representatives. With modern mobile applications, it enables fast data collection, client verification, offer presentation, and sales document generation. The mobile warehouse tablet allows for invoice creation, order management, and real-time ERP data synchronization, regardless of location, thanks to GSM and Wi-Fi connectivity.



Industry and Construction

Industrial and rugged tablets like the 10DS-RTC are designed for

demanding work environments, offering exceptional resistance to harsh conditions. The dust- and waterproof housing, certified to IP67, ensures safe operation in areas with high humidity, dust, or on construction sites and industrial floors. Equipped with appropriate mobile applications, the waterproof field tablet can serve as a tool for work supervision, data collection from construction sites, and management of technical infrastructure and personnel.



Service and Diagnostics

The efficient 10DS-RTC industrial tablet is ideal for automotive services and workshops. Its durable construction, resistance to harsh workshop conditions, and connectivity options—including optional 5G LTE, Wi-Fi, and GPS—make it well-suited for demanding environments. The reinforced tablet assists technicians with rapid vehicle diagnostics, analysis of on-board system data, and handling service documentation. It also supports software for reading error codes, configuring vehicle systems, accessing diagrams, and reviewing repair histories, enhancing both operational efficiency and

precision.



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.

Stylus



Accurate stylus allowing for easier use of the device.

[Check](#)

Car holder



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

[Check](#)

Docking station



Multifunctional docking station with multiple ports.

Check

The professional Mobipad 10DS-RTC 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
Scanner kodów 2D	—	+



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

