



MEDIATEK

WiFi



Mobipad 10DS-RTML v.3 - Rugged 4G tablet with 700 nits display, 8/128GB, Android 13, NFC, IP68 - for outdoor and harsh environments

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Android 13
Display:	10.1" 1920x1200
Brightness:	700 nits
Processor:	MTK MT8781
Memory:	8GB
Hard Drive:	No
Flash Memory:	128GB
Touch screen:	Capacitive 10-point touch
Durability:	IP68
Drop:	1.2m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C -- 60°C Storage temperature: -30°C -- 70°C
Humidity:	0% -- 95%
1D barcode scanner (reader):	No
2D barcode scanner (reader):	No (available in other configuration)
RFID scanner (reader):	No

Other:	NFC
Battery:	3.8V/10000mAh
Working time on battery:	10h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	Yes
WLAN:	IEEE 802.11 a/b/g/n/ac (Dual band)
Bluetooth:	Bluetooth 5.0
WAN:	4G
GPS:	Yes
Camera:	Rear: 16Mpx, FlashFront: 8Mpx
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, hand strap, VESA bracket and stand
Docking station connector:	Yes
VESA standard – holders and mounts support:	Yes
COM port:	Yes
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Nie
Chipset:	-----
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	TF card (max. 256GB)
CD/DVD:	No
Audio:	Built-in speaker x2, mic x2
Keyboard:	Onscreen

Additional Navigation Devices :	No
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP68, MIL-STD-810G
Waterproof:	IPX8
Sand and dust:	IP6X
Size:	276x180.5x22.5mm
Fanless casing:	Yes
Weight:	1.15kg

595,73 €

net price: 484,34 €



MEDIATEK

WiFi



4G LTE



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The rugged Mobipad 10DS-RTML industrial tablet is designed for demanding environments. Featuring a 10.1-inch 1920x1200px display, MediaTek MT8781 processor, 8 GB RAM, and 128 GB storage, it delivers smooth performance in the field. Its IP68-certified housing

protects against dust and water, and the 10,000 mAh battery provides up to 10 hours of operation. LTE, Wi-Fi, Bluetooth, and GPS modules ensure full connectivity in any situation.

SPECIFICATION

Mobipad 10DS-	
Processor	Media
Operating system	An
RAM	* (o
ROM	* (o
Display	10.1 Corning G 1920x1 1280x8 * (o 1280x8 * (o
Touch screen	Capacit
Battery	3.8V/
Camera	8MP front FF
Protection	
Communication	Wi-Fi Bluetooth 5.0 GP
Connectors	1x 12 PIN POGO PIN (USB+Charging) 1x USB Type C (USB OTG+Charging) 1x USB 3

Memory card		TF, u
SIM card		Mi
Sensor		G-sensor, Gyroscope, E-compass
Scanner 2D		Newland

* Optional equipment, available on specific versions only.



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

Ergonomic design

The rugged Mobipad 10DS-RTML tablet features a MediaTek MT8781 processor with eight cores and threads that automatically adjust performance to tasks. Combined with 8 GB of RAM, it delivers smooth operation for demanding applications, data analysis, and fieldwork.

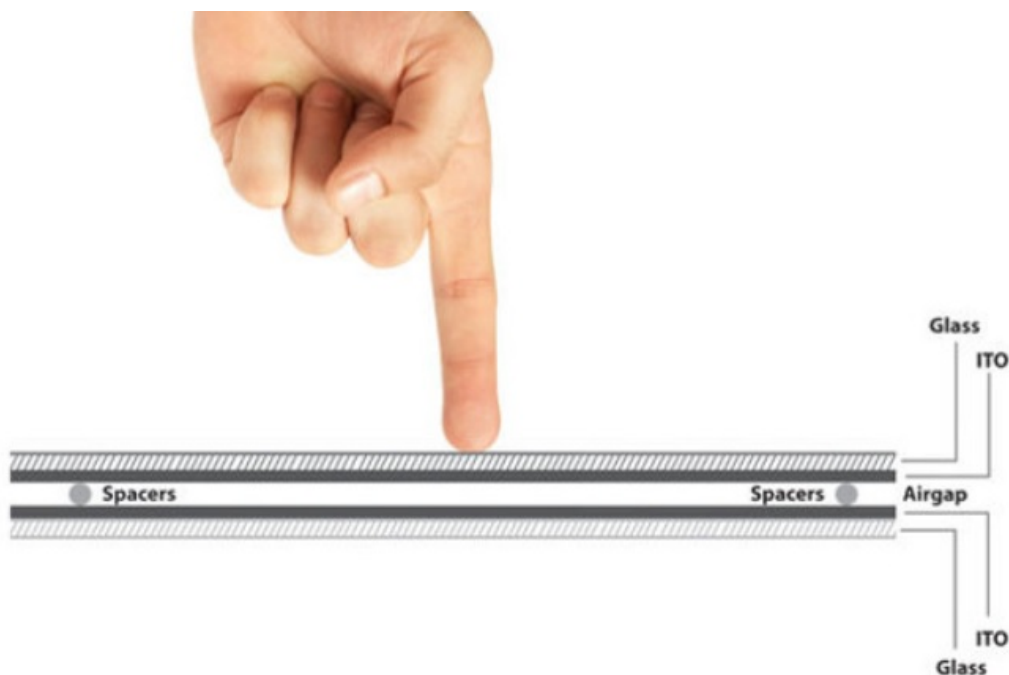
This durable industrial tablet is a reliable tool for professionals requiring dependable equipment in tough environments.



The rugged Mobipad 10DS-RTML tablet is designed for extreme environments – from production halls to open construction sites. Its IP68-certified housing protects against dust and water, while additional seals absorb shocks and drops from up to 1.2 m. Reinforced corners and non-slip edges ensure a secure grip and easy handling. This durable tablet is an ideal tool for professionals working in the field.

Dimensions	276 x 180.5x 22.5mm
Net weight	1.15 kg

Capacitive screen

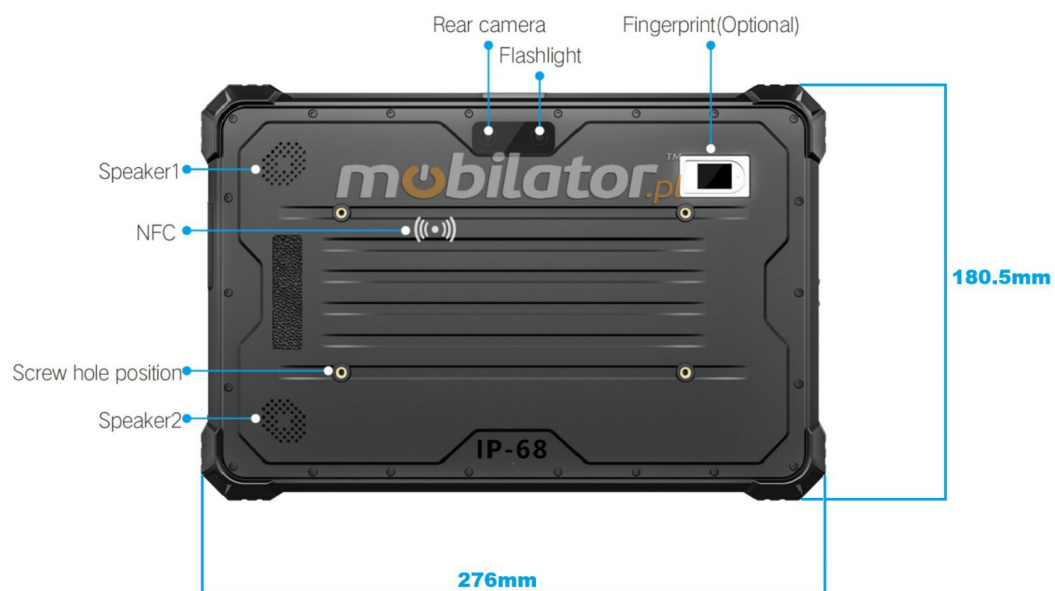


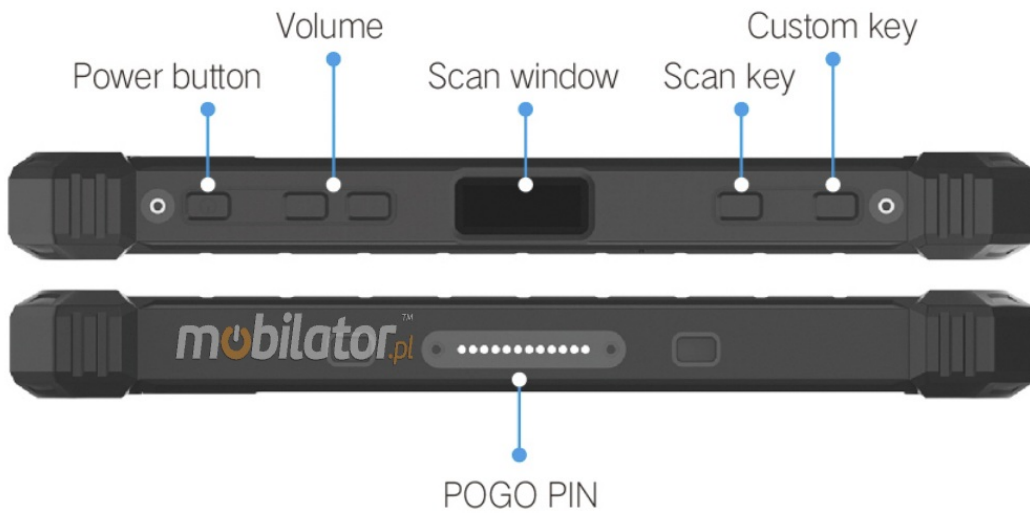
The industrial Mobipad 10DS-RTML tablet features a TFT-LCD screen with 700 nits brightness and 1920x1200 px resolution, ensuring readability even in direct sunlight. Its durable Corning Gorilla Glass III protects against scratches and impacts. The 10-point capacitive touchscreen allows precise navigation and fast data entry. These features make the tablet suitable for both office use and challenging field conditions.

Connectors and buttons

The versatile Mobipad 10DS-RTML industrial tablet offers a wide range of ports and interfaces for connecting various accessories and peripherals. These include USB-C with OTG and charging, USB 3.0,

mini HDMI, a 3.5 mm audio jack, a micro-SIM slot, and a TF card reader. This makes the tablet suitable for both office and field work. It is an ideal tool for professionals requiring flexible and reliable equipment.





DATA COLLECTING

Barcode scanner (optional)

The rugged and efficient Mobipad 10DS-RTML tablet features a built-in barcode scanner for fast reading and seamless data transfer to a computer. Its wide scanning range and precise barcode module speed up warehouse operations. The tablet enhances efficiency and accuracy in logistics processes. It is a reliable tool for field and warehouse staff.

Scanner 2D

Newland N1



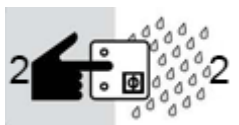
* Optional equipment, available on specific versions only.







RESISTANCE

IP68 protection class



The rugged and durable Mobipad 10DS-RTLM tablet with IP68 certification provides full protection against dust and temporary water immersion. This reliable industrial device performs well in demanding environments – in warehouses, production halls, and in the field. The tablet ensures durability, resistance, and stable operation, making it an ideal tool for professionals.

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°)

First digit	Protection level	Second digit
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 810G Standard



The rugged and durable military tablet Mobipad 10DS-RTML meets the MIL-STD-810G standard, used by the U.S. Army, ensuring resistance to harsh environmental conditions. Its mechanical durability (drop from 1.2 m) makes it ideal for demanding field and industrial environments. The tablet provides reliability and safety even in extreme situations.

Extreme temperatures

The rugged and reliable field tablet Mobipad 10DS-RTML operates flawlessly in temperatures from -20°C to 60°C. When powered off, it

can withstand temperatures from -30°C to 70°C. The tablet ensures full reliability in extreme environmental conditions, performing well in the field and challenging industrial settings.

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

WIRELESS COMMUNICATION

GPS Navigation

The rugged and precise industrial tablet Mobipad 10DS-RTML features a GPS module that combines high location accuracy with low energy consumption. This mobile field tablet allows fast and stable positioning and safe navigation in challenging industrial conditions and open areas. It enhances fieldwork efficiency and performs reliably in demanding environments.

Bluetooth 5.0

The advanced industrial tablet Mobipad 10DS-RTML 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-RTML 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.

Standards	WiFi 802.11(a/b/g/n/ac)
Frequencies	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-RTML 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



APPLICATION

Trade and Services

The rugged and versatile Mobipad 10DS-RTML 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-RTML 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-RTML 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.



ACCESSORIES AND AVAILABLE VERSIONS

VESA bracket



Bracket for mounting the tablet.

Check

VESA stand



Stand for use with the VESA bracket.

Check

Car holder/docking



Solid car docking station that allows for safe and stable mounting of the device.

[Check](#)

Docking station



Multifunctional docking station with communication ports.

[Check](#)

Hand strap



Makes it easier to use the tablet.

[Check](#)

The professional Mobipad 10DS-RTML 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
8GB RAM+128GB ROM	+	+	+	+	+	+
12GB RAM+256GB ROM	-	-	-	-	-	-
Scanner 2D	-	+	-	+	-	+

700 nits (1280x800)	+	+	-	-	-	-
700 nits (1920x1200)	-	-	+	+	-	-
1300 nits (1280x800)	-	-	-	-	+	+
	v.7	v.8	v.9	v.10	v.11	v.12
8GB RAM+128GB ROM	-	-	-	-	-	-
12GB RAM+256GB ROM	+	+	+	+	+	+
Scanner 2D	-	+	-	+	-	+
700 nits (1280x800)	+	+	-	-	-	-
700 nits (1920x1200)	-	-	+	+	-	-
1300 nits (1280x800)	-	-	-	-	+	+



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