



MobiPad RTML-901DS v.2 - Durable 10.95" work tablet with 1xUSB Type-C, WiFi module 5 - For production management

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Android 14
Display:	10.95"1920x1200
Brightness:	700 nits
Processor:	MTK MT6789 (8x max. 2.2GHz)
Memory:	8GB RAM
Hard Drive:	---
Flash Memory:	128GB ROM
Touch screen:	Capacitive 10 - point touch
Durability:	IP68
Drop:	1,2 m
Shock:	MIL-STD 810G
Vibration:	MIL-STD 810G

Temperature:	Operating temperature: -20°C ~ 60°CStorage temperature: -30°C ~ 70°C
Humidity:	0%-95%
1D barcode scanner (reader):	---
2D barcode scanner (reader):	Newland N1
RFID scanner (reader):	NFC
Other:	---
Battery:	20000mAh 3.8v
Working time on battery:	16-18h (play 1080P video under LCD 50% backlight)
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	WiFi 5
Bluetooth:	Bluetooth 5.0 BLE
WAN:	4G LTE
GPS:	GPS
Camera:	front camera: 8Mpxrear camera: 32Mpx
In/Out:	1x USB-C 1x PogoPin 1x SIM 1x TF
Optional accessories:	Yes
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	Yes
Graphics card:	ARM Mali-G57 MC2
Chipset:	MediaTek Helio G99
BIOS:	---
Casing material:	PC+10% fiberglass+TPU

Flash Card Reader:	TF
CD/DVD:	No
Audio:	2x speakers 1x MIC
Keyboard:	Onscreen
Additional Navigation Devices :	---
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP68
Waterproof:	IPX8
Sand and dust:	IP6X
Size:	263.9 x 175.5 x 13.9mm
Fanless casing:	No
Weight:	0.8kg

2 218,61 zł
net price: 1 803,75 zł

MobiPad **RTML-901DS**



SPECIFICATION

DATA COLLECTING

RESISTANCE

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS



These are professional tablets equipped with 4G technology, ensuring very high data transfer speeds, which translate into faster and more efficient daily work. Thanks to their powerful 20,000 mAh battery, these devices are ideal for logistics applications. For example, with the screen brightness set to 50%, they can operate for 16 to 18 hours, as confirmed during 1080p video playback. They meet IP68 standards, providing high resistance to both dust and water. This rating protects the devices from external factors, ensuring reliable performance regardless of weather conditions.

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SPECIFICATION

MobiPad RTLM-901DS v.2

Processor	MTK MT6789 (8 cores, 8 threads, 2.0–2.2 GHz)
Operating system	Android 14
RAM	8GB
ROM	128GB
Communication	Bluetooth 5.0 Wi-Fi 5 GPS 4G NFC
Display	10.95 1200 x 1920 700 nitów 16:10
Touch screen	Capacitive (10-point)

MobiPad RTLM-901DS v.2

Protection degree	IP68
Cards	1x SIM 1x TF 2x SIM * (optional)
Battery	20000mAh
Scanner 2D	Newland N1

*** Possibility to change to two SIM cards in the product configurator**



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

The industrial tablet RTML-901DS is equipped with an MT6789 (2.2 GHz) octa-core processor that delivers strong performance. Its low power consumption allows for longer operation time and ensures smooth network connectivity. This model performs reliably in demanding environments, including industrial factories, where the processor enhances efficiency even during intensive use.

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Ergonomic design

MobiPad RTML-901DS this functional tablet for logistics applications stands out with its slim, ergonomic design, ensuring a high level of user comfort. The back of

the tablet features a non-slip strap that provides a secure grip and minimizes the risk of accidental drops. Its robust construction, with a thickness of 13.9 mm, and rectangular shape ensures comfort during everyday use.



The well-thought-out design of the industrial tablet supports efficient operation in various field conditions. The well-balanced proportions of the housing make the interface easier to use, while the compact form factor ensures easy transport and does not place an additional burden on the user. As a result, this professional tablet performs well both in dynamic industrial environments and during outdoor work.

Capacitive screen



The energy-efficient tablet features a highly responsive capacitive touchscreen that accurately detects even the lightest touch. It registers input through changes in the electrostatic field on the screen surface, eliminating the need for strong pressure. The multitouch functionality allows the device to detect and distinguish multiple touch points simultaneously.

700 nits screen

The 700-nit rugged tablet display is designed to provide full visibility even in brightly lit environments, such as production halls. This high brightness level minimizes the risk of errors during operation and enhances resistance to changing lighting conditions.



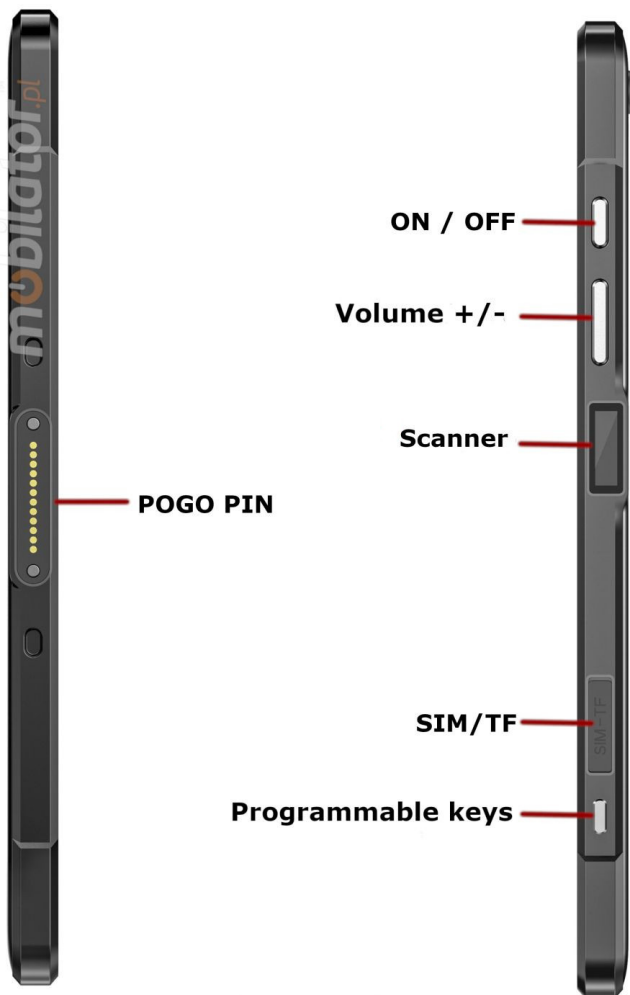
Thanks to the high screen brightness, users can work without interrupting their tasks or needing to adjust the device's angle, while maintaining full readability.

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Connectors, buttons and dimensions

MobiPad RTML-901DS these are durable tablets designed for demanding and harsh weather conditions. An advanced set of interfaces enables reliable and secure data exchange between various systems and devices, ensuring continuous network connectivity.







1) 2D scanner available in appropriate product versions or upon request

Dimensions	263.9 x 175.5x 13.9mm
Weight	848 g

The waterproof tablet is equipped with dual speakers and a range of ports, including USB-C, a TF card slot, and a SIM card slot. The tablet also has a PogoPin connector, which increases its functionality.

DATA COLLECTING

NFC

NFC technology in industrial tablets enables fast and contactless data exchange, supporting process automation without the need for manual data entry. This feature allows for instant employee identification and the reading of tags used in production and warehouse environments.



The rugged tablet is equipped with an NFC module operating at a frequency of 13.56 MHz, compliant with ISO 14443 A/B and ISO 15693 standards, and supporting MIFARE, DESFire, and industrial tags. This solution significantly

improves information flow, increasing the efficiency of daily operations.

Scanner 2D

The rugged industrial tablet is available in two configurations, allowing you to tailor the device to specific applications—from data handling to advanced warehouse tasks requiring barcode scanning.



In the second version, the device can be factory-equipped with a professional scanner. The Newland N1 barcode scanner ensures fast and accurate code reading, increasing efficiency in warehouse, logistics, and field environments.

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RESISTANCE

IP68 protection degree




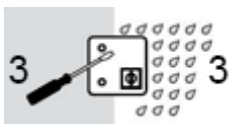
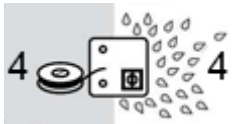

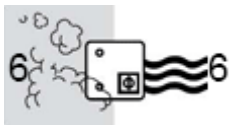

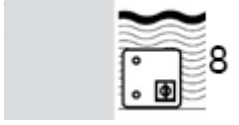


The IP68 standard means a very high level of protection, exceeding the IP65 and IP67 standards. The number “6” indicates complete dust resistance of the device, which means full protection against even the finest dust particles in highly dusty environments such as industrial plants. In turn, “8” guarantees resistance to long-term immersion in water at a depth exceeding 1 meter. The IP68 certification therefore ensures maximum operational reliability in both high-dust and high-humidity conditions, as well as in direct contact with water.

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 robust design of the model effectively protects key components from the effects of mechanical damage. Resistance to drops from a height of up to 1.2 meters significantly reduces the risk of failure during operation. The use of solid

materials makes the device ideal for demanding operating conditions.

Extreme temperatures

The industrial tablet is designed to operate in extreme temperature conditions, ensuring reliable performance within a range of -20°C to 60°C, and up to 70°C in standby mode. High humidity resistance of up to 95% enables trouble-free operation in environments with high levels of water vapor condensation and variable atmospheric conditions. This makes the device suitable for both freezing environments and highly heated industrial spaces, guaranteeing continuous operation in demanding locations.

Operating temperature : -20°C do 60°C

Storage temperature: -30°C do 70°C



Operation Temp.	-20°C do 60°C
Storage Temp.	-30°C do 70°C
Humidity	0% do 95%

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WIRELESS COMMUNICATION

GPS Navigation

MobiPad RTML-901DS the device offers advanced navigation capabilities, supporting multiple satellite systems such as GPS. This configuration reduces positioning time and improves measurement accuracy by providing a stable signal even in challenging field conditions.

Bluetooth 5.0

The Bluetooth 5.0 module provides stable wireless communication. It allows for quick and convenient connection to devices such as scanners, printers, or sensors without the need for cables, making daily work much easier.

WiFi network

The versatile RTML-901DS provides lightning-fast wireless connectivity by supporting the latest Wi-Fi 5 standard (802.11ac), while maintaining compatibility with older protocols. Dual-band technology (2.4 GHz and 5 GHz) enables intelligent switching between bands, minimizing interference in congested networks. This advanced configuration ensures stable transfer of large data packets and low latency, which is crucial when working with cloud services, ERP systems, and integration with nearly any network infrastructure in a modern enterprise.

Standards	WiFi 5
Frequencies	802.11 (a/b/g/n/ac) 2.4G+5.0G Dual-band

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APPLICATION

Trade and Service

MobiPad RTML-901DS is a mobile work center for salespeople and logistics

professionals, combining high-speed Wi-Fi, Bluetooth, and GPS with intuitive operation. The device enables users to issue invoices, update inventory in real time, and track deliveries directly from the field. The built-in NFC and Bluetooth modules allow for quick authorization, contactless confirmation of operations, and easy connection to printers and scanners, increasing the efficiency and safety of mobile work.



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Industry and Construction

Solid MobiPAD RTML-901DS is a durable, IP67-certified industrial tablet, resistant

to dust, water, and drops, designed to operate in harsh conditions on construction sites and in industrial plants. Equipped with Wi-Fi, Bluetooth, and GPS, it enables fast data transfer, equipment and vehicle tracking, and wireless operation with accessories. The device facilitates the collection and updating of technical documentation directly on-site, increasing mobility and operational efficiency.



Service and logistics

The IP68-certified industrial tablet offers complete resistance to dust, grease, spills, and accidental drops, making it ideal for harsh workshop conditions. A stable Wi-Fi connection and a Bluetooth module enable quick access to parts

catalogs and technical diagrams, as well as wireless connection to meters or oscilloscopes. This allows users to document repairs, update service history, and prepare cost estimates without interrupting their work, significantly accelerating customer service.



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ACCESSORIES AND AVAILABLE VERSIONS

It offers a wide range of optional accessories to suit your device to your specific operational requirements and budget. The following list presents dedicated

extensions that increase the comfort of work and the functionality of the tablet in the field. Clicking on the product name will redirect you to detailed technical specifications and the current price.

Wrist strap



The 2-point wrist strap provides a stable and secure grip on the tablet, significantly reducing the risk of accidental drops while enhancing device safety and making everyday use easier.

[Check](#)

The RTML-901DS armored tablet designed to work in demanding conditions is available in two variants, tailored to different user needs. After clicking on the number of the selected hardware configuration, you will be redirected to the

product page containing detailed parameters presented in the table below. At the customer's request, it is also possible to prepare an individual configuration that is not currently included in the standard offer.

	v.1	v.2
2D Scanner	—	+



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