



Mobipad 08DS-RTML v.5 - Rugged 8-inch 1300 nits outdoor tablet with Android 10, MTK 6771, 4G, NFC, 10000mAh, IP68 - perfect for outdoor use

| | |
|-------------------------------------|---|
| Category: | UMPC - Ruggedized |
| Manufacturer: | Mobikator |
| Operating System: | Android 10 |
| Display: | 8" 1280x800 |
| Brightness: | 1300 nits |
| Processor: | MTK MT6771 |
| Memory: | 4GB |
| Hard Drive: | No |
| Flash Memory: | 64GB |
| 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): | Brak |
| 2D barcode scanner (reader): | No (available in other configuration) |
| RFID scanner (reader): | No |

| | |
|--|--|
| Other: | NFC |
| Battery: | 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: | POGO PIN, USB-C, USB 2.0, mini HDMI, micro-SIM, 3.5mm jack, TF, DC jack |
| Optional accessories: | Docking station, car docking station, hand strap, VESA stand and bracket |
| Docking station connector: | Yes |
| VESA standard – holders and mounts support: | Yes |
| COM port: | No |
| Magnetic card reader (MSR): | No |
| Microchip card reader: | No |
| Contrast: | ----- |
| Graphics card: | No |
| Chipset: | --- |
| BIOS: | ----- |
| Casing material: | ABS/PC |
| Flash Card Reader: | TF card |
| 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: | IP68, MIL-STD-810G |
| Waterproof: | IPX8 |
| Sand and dust: | IP6X |
| Size: | 227x142.4x22.9mm |
| Fanless casing: | Yes |
| Weight: | 0.81kg |

2 080,24 zł

net price: 1 691,25 zł



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The rugged Mobipad 08DS-RTML industrial tablet is a compact and durable device designed for demanding field and industrial applications. Featuring an 8-inch display with 1280x800px resolution and 1300 nits of brightness, protected by Corning Gorilla Glass III, it delivers excellent readability even under strong sunlight. Powered by the efficient MT6771 processor, 4GB of RAM, and 64 GB of storage, it ensures smooth performance for business and field applications. Its IP68-certified housing provides full protection against dust and water, making it ideal for use in logistics, construction, and transportation.

SPECIFICATION

| Mobipad 08DS-RTML | |
|-------------------|--|
| Processor | MTK MT6771 |
| Operating system | Android 10 |
| RAM | 4GB |
| SSD | 64GB |
| Display | 8" TFT-LCD Corning Gorilla Glass III 1280x800 1920x1200 * (optional) 700 nits * (optional) 1300 nits |
| Touch screen | Capacitive (10-point) |
| Battery | 10000mAh |
| Camera | 8MP front FF 16MP rear AF |
| Protection | IP68 |
| Communication | Wi-Fi Bluetooth 5.0 GPS 4G NFC |
| Connectors | 1x POGO PIN 1x USB Type-C 1x USB 2.0 1x Mini-HDMI 1x 3.5mm jack 1x DC 1x Micro-SIM 1x RJ-45 |
| Memory card | TF card (max 256GB) |
| SIM card | Micro-SIM |
| Sensor | G-sensor, gyroscope, compass, distance sensor, light sensor |
| Barcode scanner | Newland N1 * (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 08DS-RTML tablet is powered by an Mediatek processor. This CPU intelligently allocates computing power for optimal performance. Combined with 4GB 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 08DS-RTML

tablet is designed for demanding environments, from production halls to open construction sites. Its IP68-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.

| | |
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| Dimensions | 227x142.4x22.9mm |
| Net weight | 0.81kg |

Capacitive screen



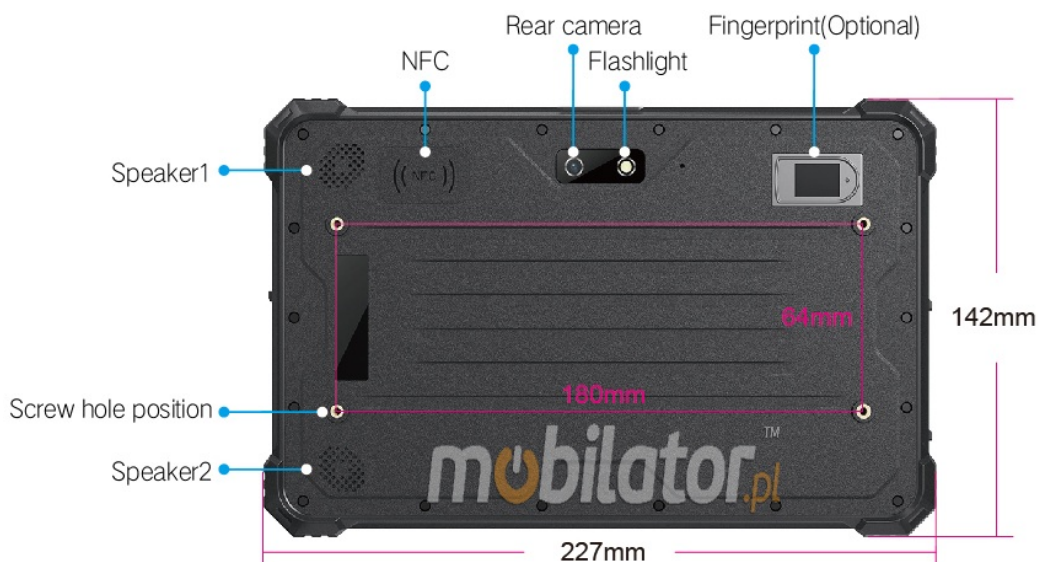
The versatile Mobipad 08DS-RTML

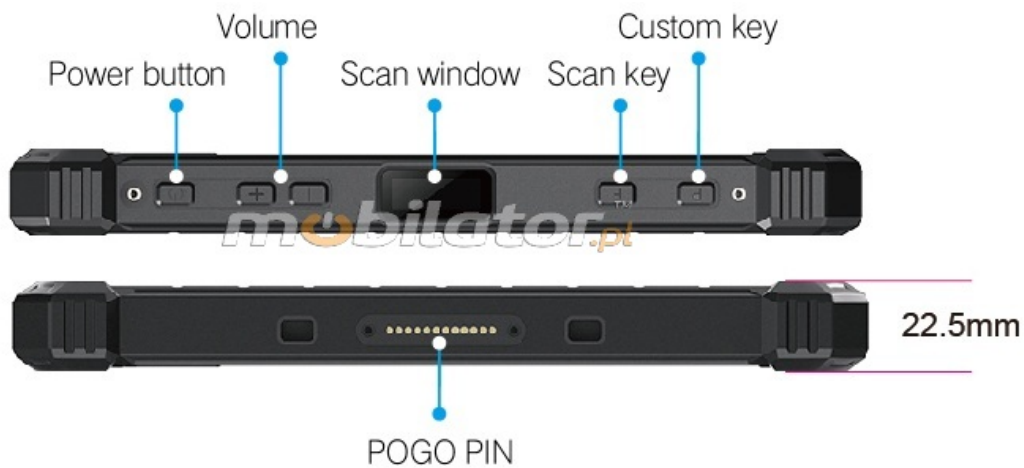
tablet features a TFT-LCD display combining 1300nits brightness with a 1280x800px resolution, ensuring clear visibility even in direct sunlight. Its durable Corning Gorilla Glass III coating protects the screen from scratches and impacts, while the 10-point capacitive touchscreen allows precise navigation 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 08DS-RTML

tablet offers a well-designed set of interfaces, allowing connection to a wide range of accessories.





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DATA COLLECTING

Barcode scanner (optional)



The barcode reader installed in the warehouse tablet allows you to read, decode and send data stored in the barcode to the computer. Thanks to its dynamic scanning capabilities and wide reading range, the mobile industrial tablet accurately collects data, which helps increase the pace and efficiency of work. The whole thing can be started quickly, because thanks to the simplified installation procedure and intuitive, convenient design, preparing the scanner for work is very easy.

Scanner 2D

Newland N1



* Optional equipment, available on specific versions only.

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RESISTANCE







IP68 protection class



The rugged Mobipad 08DS-RTML

tablet for special tasks meets the IP68 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°) |

| 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 durable and rugged military-grade Mobipad 08DS-RTML

tablet meets the MIL-STD-810G 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-810G (drop from 1.2 m), 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 08DS-RTML

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. | -10°C to 50°C |
| Storage Temp. | -15°C to 55°C |
| Humidity | 0% to 95% |

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WIRELESS COMMUNICATION

GPS Navigation

The waterproof and rugged industrial Mobipad 08DS-RTML

tablet is equipped with a precise GPS module with BeiDou and GLonass support 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 5.0

The modern and functional Mobipad 08DS-RTML

tablet is equipped with Bluetooth 5.0, 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 08DS-RTML

tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac, operating on both 2.4GHz and 5.8GHz 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 1300Mbps.

| | |
|--------------------|---------------------------|
| Standards | WiFi 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.



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APPLICATION

Trade and Services

The durable and versatile Mobipad 08DS-RTML

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 08DS-RTML

are designed for demanding work environments, offering exceptional resistance to harsh conditions. The dust- and waterproof housing, certified to IP68, 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

08DS-RTML

industrial tablet is ideal for automotive services and workshops. Its durable construction, resistance to harsh workshop conditions, and connectivity options - 4G 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.



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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 08DS-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 |
|---------------------|-----|-----|-----|-----|-----|-----|
| Scanner 2D | — | + | — | + | — | + |
| 700 nits (1280x800) | + | + | — | — | — | — |

| | | | | | | |
|----------------------|---|---|---|---|---|---|
| 700 nits (1920x1200) | - | - | + | + | - | - |
| 1300 nits (1280x800) | - | - | - | - | + | + |



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