Mobile.: +48 508 235 505
e-mail: sklep@mobilator.pl

Mobipad 08DS-RTYF (i5) v.6 - Rugged tablet with fingerprint reader - 8 inches, i5, LTE, NFC, 2D scanner, IP67, Windows 11 - for mobile applications in construction and surveying

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Windows 10
Display:	8" (1920x1200) IPS 16:10
Brightness:	700 nits
Processor:	Intel Core i5-10210Y (10. gen)
Memory:	8GB
Hard Drive:	Nie
Flash Memory:	128GB
Touch screen:	Capacitive | 5 point touch
Durability:	IP67
Drop:	1.2m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -10°C -- 50°CStorage temperature: -30°C -- 70°C
Humidity:	0% -- 95%
1D barcode scanner (reader):	No
2D barcode scanner (reader):	**Newland N1**

RFID scanner (reader):	**Yes**
Other:	**NFC** | **Fingerprint scanner**
Battery:	7.6V/5000mAh
Working time on battery:	7h
Fast battery replacement ability:	No
HotSwap battery:	Nie
LAN:	Yes
WLAN:	IEEE 802.11 a/b/g/n/ac (Dual band)
Bluetooth:	Bluetooth 5.0
WAN:	4G
GPS:	Yes
Camera:	Rear: 12Mpx, 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 docking, Vehicle charger, Stylus
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:	Intel Iris Xe Graphics
Chipset:	Amber Lake
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	TF card (max. 256GB)
CD/DVD:	No
Audio:	Built-in microphone and speaker

Keyboard:	Onscreen
Additional Navigation Devices :	Nie
Color:	Black
Swivel Hinge:	Nie
VGA out:	No
TV Out:	Nie
TV Tuner:	No
Security:	IP67, MIL-STD-810G
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	227 x 142.4 x 22.5mm
Fanless casing:	Yes
Weight:	830g

5 211,98 zł
net price: 4 237,38 zł

SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The durable Mobipad 08DS-RTYF is a compact device with an 8-inch display and an Intel Core i5-10210Y processor. It offers 8 GB of RAM and 128 GB of storage, all enclosed in an IP67-compliant design. The 1920×1200px display with 700 nits brightness and Corning Gorilla Glass III ensures readability even in bright light. Connectivity is provided by LTE, WiFi, Bluetooth, and GPS, with optional support for 5G, NFC, a fingerprint reader, or a code scanner. Power is supplied by a 5000 mAh battery, allowing for approximately 7 hours of operation without connecting to a charger.

SPECIFICATION

Mobipad 08DS-RTYF	
Processor	Intel i5 10210Y

Mobipad 08DS-RTYF	
Graphics	Intel UHD Graphics
Operating system	Windows 11
RAM	8GB
SSD	128GB
Display	8" 1920×1200, 700 nits brightness, 16:10
Touch screen	Capacitive (5-point)
Battery	7.6V/5000mAh
Camera	5Mpx Front | 12Mpx Back + Flash
Protection	IP67
Communication	Wi-Fi 802.11 | Bluetooth 5.0 | GPS+BD+GLONASS | 4G LTE NFC/RFID * (option: none) 5G * (optional)
Connectors	1x POGO PIN (USB+charging) 1x USB Type C 3.0 (USB OTG+charging) 1x USB 3.0 Type A 1x Mini HDMI 1x 3.5mm Headphone Jack 1x 12V 4A DC Jack 1x 1RJ45 (100/1000Mbps)
Memory card	TF card (max 256GB)
SIM card	Micro SIM
Sensor	Gravity sensor (G-sensor), gyroscope, compass, distance sensor
Scanner 2D	Newland N1 * (option: none)
Fingerprint	Fingerprint scanner * (option: none)

* Optional equipment, available on specific versions only.

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

Ergonomic design

The robust Mobipad 08DS-RTYF features an Intel Core i5-10210Y processor from the 10th generation Comet Lake family. The four-core, eight-thread unit intelligently selects computing power, switching between 1 and 4 GHz. Working with 8 GB of RAM allows for efficient task execution, including data analysis, support for specialized applications, and quick response to field activities.

The device is designed for use in demanding environments – from production halls to open construction sites. The IP67-rated housing protects the components from dust and water, while additional seals cushion the effects of accidental impacts or drops from 1.2 m. Non-slip edges and reinforced corners facilitate a secure grip.

Dimensions	227*142.4*22.5mm
Net weight	830g

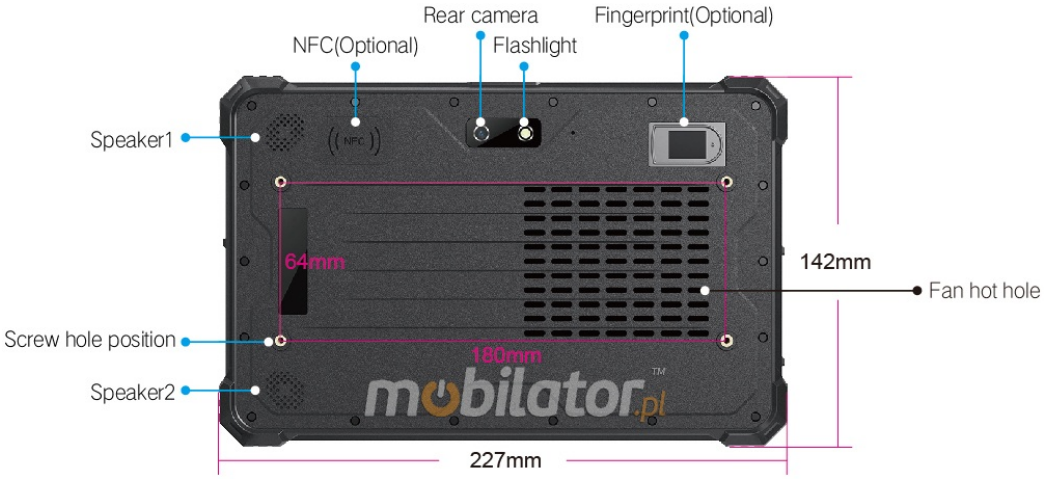
Capacitive screen

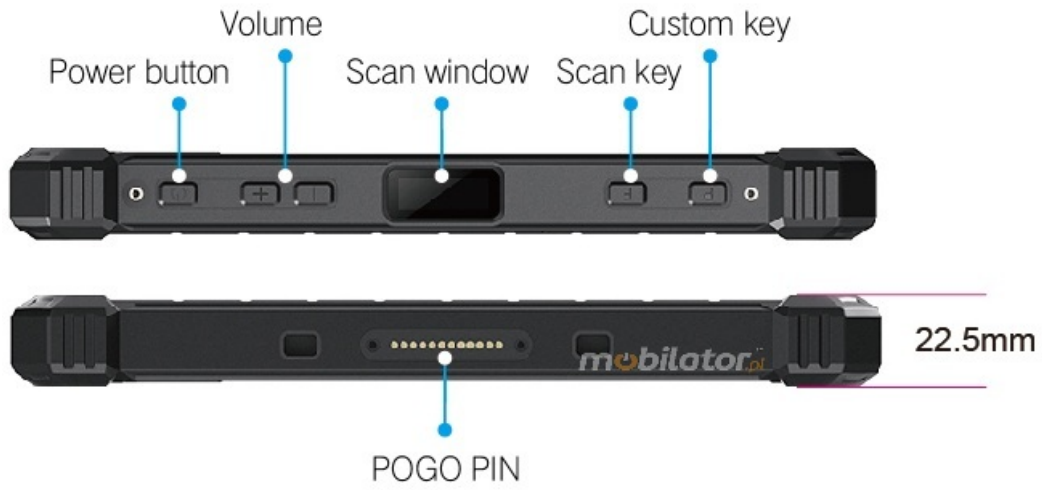
The screen in the Mobipad 08DS-RTYF uses TFT-LCD technology, combining high brightness of 700 nits with a resolution of 1920×1200 px. Corning Gorilla Glass III coating provides scratch and impact resistance, while capacitive touch with 5-point support allows for precise navigation and fast data entry in all conditions.

Connectors and buttons

A well-designed set of interfaces allows you to connect a wide range of accessories. The available connectors include USB-C with OTG and charging, USB 3.0, mini HDMI, a 3.5 mm jack, as well as a SIM card slot and TF reader. Depending on your needs, you can expand its functionality with NFC, a fingerprint reader, or a code scanner, which

increases its versatility in technical and logistics industries.





DATA COLLECTING

Barcode scanner

The barcode reader installed in the warehouse tablet allows you to read, decode and send data stored in the barcode to the computer.

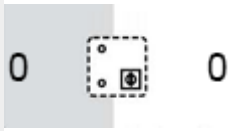
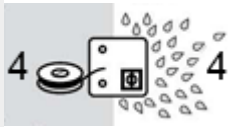
Thanks to its dynamic scanning capabilities and wide reading range, the mobile industrial tablet accurately collects data, which helps increase the pace and efficiency of work. The whole thing can be started quickly, because thanks to the simplified installation procedure and intuitive, convenient design, preparing the scanner for work is very easy.

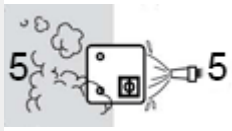
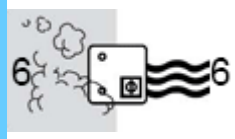
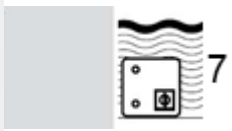
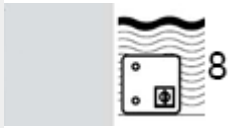
* Optional equipment, available on specific versions only.

RESISTANCE

IP67 protection class

The IP67 standard, which this special-purpose tablet meets, specifies the high degree of protection provided by its housing against dust ingress and the effects of temporary immersion in water. It is a reliable solution for industries where resistance to external factors and equipment durability are important.

First 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

First digit	Protection level	Second digit
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
		otection against complete, continuous submersion in wate

MIL-STD 810G Standard

MIL-STD-810 is a military standard for durability used by the US Army, among others, which defines the resistance of equipment to harsh environmental conditions. The Mobipad 08DS-RTYF military-grade tablet, with mechanical resistance compliant with MIL-STD-810G requirements (drop from a height of 1.2 m), is ideal for use in harsh field and industrial environments.

Extreme temperatures

Designed for field work, the 08DS-RTYF tablet is designed for continuous operation in both very low and high temperatures ranging from -10°C to 50°C. If the device is stored switched off, it will

cope with temperatures ranging from -30°C to 70°C. Additionally, the durable industrial tablet, thanks to the IP67 standard, will work great in rooms with increased humidity, ensuring proper functioning.

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

WIRELESS COMMUNICATION

GPS Navigation

The 08DS-RTYF waterproof industrial tablet is equipped with a precise GPS module that combines low power consumption with high location accuracy. Navigation works quickly and stably, enabling effective field positioning and safe navigation even in difficult industrial and outdoor conditions.

Bluetooth 5.0

The modern Bluetooth 5.0 module enables energy-efficient short-range communication with other devices such as printers, keyboards, RFID readers, scanners or headphones. This technology offers higher stability and connection speeds compared to previous versions, while reducing power consumption.

Wireless Wi-Fi

The professional 08DS-RTYF tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac connectivity, operating in the 2.4GHz and 5.8GHz bands. This enables quick access to local networks and the Internet both in the office and in the field, ensuring high stability and data transmission with up to 1300Mbps.

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

NFC communication

NFC (Near Field Communication) is a short-range wireless

communication standard that allows data exchange over a distance of several centimeters. The 08DS-RTYF tablet can be optionally equipped with an NFC module. NFC will work well in applications such as access control, employee authorization, logistics or payment acceptance. The modern industrial tablet allows for reading tags and cooperation with smart card systems.

* Optional equipment, available on specific versions only.

APPLICATION

Trade and Services

Thanks to its multifunctionality and simple operation, the drop-proof 08DS-RTYF tablet is an ideal tool for sales and field representatives. Modern mobile applications enable quick data collection, verification of contractors, presentation of offers and generation of sales documents. The tablet for the warehouse allows for issuing invoices, creating orders and synchronizing data with the ERP system in real time - regardless of location, thanks to access to the GSM or Wi-Fi network.

Industry and Construction

Adapted to difficult working conditions, industrial tablets such as the 08DS-RTYF are characterized by exceptional resistance to unfavorable working conditions. Dust- and waterproof housing confirmed by the IP67 certificate, allows for safe use of the solid tablet in places with increased humidity, dustiness and on construction sites and in industrial halls. With the right mobile applications, the waterproof tablet can act as a tool for supervising work, collecting data from the construction site and managing technical infrastructure and human resources.

Service and Diagnostics

The efficient 08DS-RTYF industrial tablet is perfect for car services and workshops. Thanks to its durable design, resistance to workshop conditions and support for 5G LTE (optional), Wi-Fi and GPS connectivity, this device is ideal for work in a difficult environment. The reinforced tablet supports technicians in quick vehicle diagnostics, analysis of data from on-board systems and work with service documentation. Possibility to install software that allows, among other things, reading errors, configuring vehicle systems, accessing diagrams and repair history, increasing the efficiency and precision of operations.

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

Image not found or type unknown

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

The professional Mobipad 08DS-RTYF 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
NFC	—		—				
Scanner 2D	—	—		—			
Czytnik linii papilarnych	—	—	—	—	—		
5G	—	—	—		—	—	

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