



MobiPAD 770X - Rugged tablet for motorcyclists: GPS, Ublox-M9N, USB, and MIL-STD-810G standard. 2600 nits screen and 10000 mAh battery

Category:	UMPC - Ruggedized
Manufacturer:	Mobikator
Operating System:	Android 13
Display:	7" 1920x1080
Brightness:	2600 nits FHD
Processor:	ARM Cortex A73 Octa-core (2.0GHz)
Memory:	8GB RAM
Hard Drive:	128GB ROM
Flash Memory:	---
Touch screen:	Capacitive
Durability:	IP67
Drop:	1,2 m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C ~ 55°C Storage temperature: -40°C ~ 80°C
Humidity:	5%-95% (non-condensing)
1D barcode scanner (reader):	---
2D barcode scanner (reader):	---

RFID scanner (reader):	---
Other:	Maximum operating altitude of the device: 4500m
Battery:	10000mAh
Working time on battery:	10/12h
Fast battery replacement ability:	---
HotSwap battery:	No
LAN:	---
WLAN:	WiFi 5
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE TDD FDD
GPS:	GPS GLONASS BeiDou Galileo (Ublox-M9N)
Camera:	camera front: 5Mpxcamera rear: 13Mpx
In/Out:	M12 DC / RS232 serial port SMA (Antena) USB Type-C4PIN Magnetic 3.5mm Jack MicroSD
Optional accessories:	---
Docking station connector:	Yes
VESA standard – holders and mounts support:	---
COM port:	---
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	Yes
Graphics card:	ARM Mali-G72 MP3
Chipset:	MediaTek MT8788
BIOS:	-----
Casing material:	PC + ABS
Flash Card Reader:	Micro SD
CD/DVD:	-----
Audio:	Speaker MIC

Keyboard:	Onscreen
Additional Navigation Devices :	-----
Color:	Two options to choose from : Black Desert yellow
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP67MIL-STD-810G
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	208 x 121 x 16mm
Fanless casing:	Yes
Weight:	456g

3 749,96 zł

net price: 3 048,75 zł

MobiPad 770X



SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

Innovative technology becomes a key support in places where durability and reliability are key. The MobiPAD 770X tablet is a groundbreaking piece of technology that, thanks to built-in Wi-Fi, Bluetooth, and precise GPS location,

creates a stable communication hub in the most demanding environments. Its undeniable advantage is its exceptionally bright 2600-nit display, ensuring exemplary clarity in intense daylight. This makes it an unrivaled piece of equipment for two-wheeler enthusiasts who use maps. The entire design is complemented by a powerful 10,000mAh battery, offering spectacular operating time without the need for regular power during long journeys. The unique design makes it a solution perfectly suited to the needs of cyclists and motorcyclists.

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SPECIFICATION

MobiPad 770X

Processor	ARM Cortex A73 Octa-core (2.0GHz)
Operating system	Android 13
RAM	8GB
ROM	128GB
Communication	Bluetooth 5.0 Wi-Fi 5 GPS 4G
Display	7" 1920×1080 2600 nitów FHD
Touch screen	Capacitive
Sensors	G-Sensor Motion Sensor Light-Sensor
SIM card	Nano SIM

MobiPad 770X

Battery	10000mAh
Connections	M12 DC / RS232 SMA (Antena) USB Type-C 4PIN Magnetic 3.5mm Jack MicroSD
Resistance	IP67 MIL-STD-810G
Charger	5.0V 2A-10W
Guarantee	1 year



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

The foundation of the hardware's performance is a high-performance ARM Cortex A73 Octa-core processor (2.0GHz), ensuring rapid response from advanced programs. This control unit enables seamless parallel operation, essential for simultaneous operation of maps and communication systems. The innovative component structure allows for optimal performance and resource savings, ensuring system reliability in complex environments.

Ergonomic design

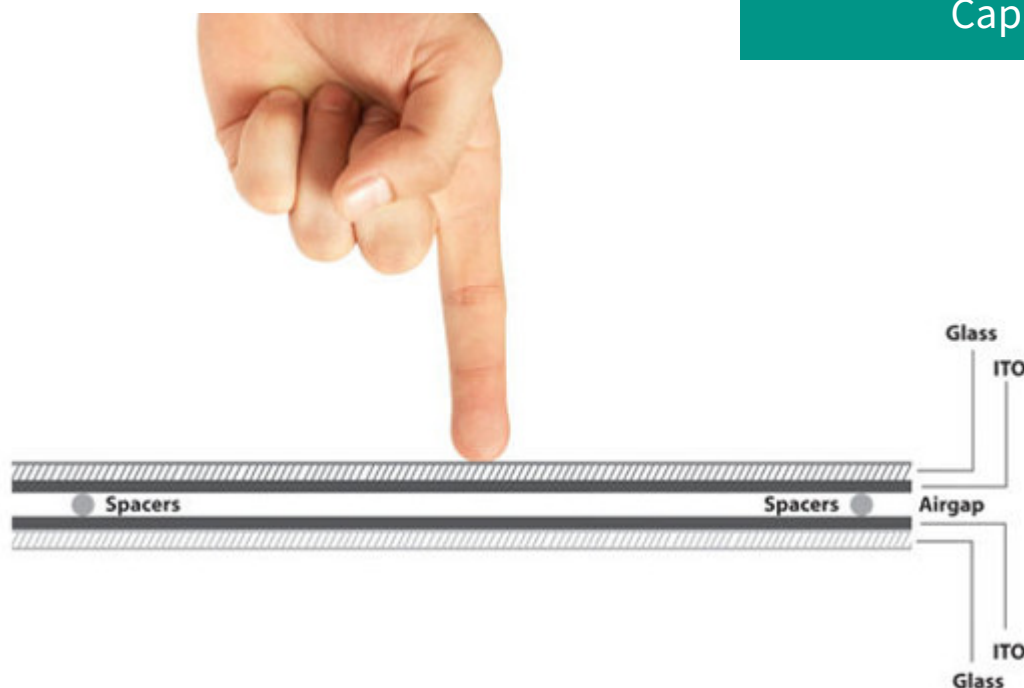
Aesthetic design meets functionality, creating a product refined in every detail. The MobiPAD 770X portable device stands out with its innovative design and

small, handy construction that optimally complements the anatomy of the hand. Its manageable dimensions ensure hassle-free and enjoyable use, even during long sessions.



Its appropriate physical parameters allow for hassle-free transport in any luggage or with a dedicated mount. The MobiPAD 770X's compact size makes it an excellent companion when traveling. Furthermore, its well-thought-out, slim design improves maneuverability, offering instant access to all functions in any environment. The product is available in two visual variants: classic dark and sandy.

Capacitive screen



The glass surface of the display is covered with a transparent conductive layer that stores a constant electric charge. When a finger approaches or touches the matrix, the local electrostatic field is disrupted, as the human body conducts electricity. Precise sensors placed in the corners of the panel record these voltage changes and transmit the data to the controller to determine the point of contact. This technology enables the instant interpretation of gestures and the simultaneous handling of multiple touch points, ensuring seamless interaction with the interface.

2600 nits screen

The visual technology used eliminates the barriers resulting from unfavorable ambient lighting. The MobiPAD 770X model features a panel with a powerful luminance of 2600 nits, guaranteeing clear images in any setting. This high light intensity eliminates difficulties with viewing content in sunlight and improves overall user comfort. This functionality proves crucial in the technical sector, where uninterrupted data transparency is a priority.



The matrix's properties have been optimized to eliminate reflections,

significantly reducing eye strain during long-term tasks. The sharp contrast and consistent illumination enable precise system management and the error-free reading of construction drawings in bright daylight. This is a key requirement in spaces where clear communication impacts the efficiency and speed of operations.

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Connectors, buttons and dimensions

An extensive hardware interface guarantees versatility and easy expansion of system capabilities. This model features a modern USB Type-C port for rapid charging and efficient file exchange. Furthermore, an integrated Pogo Pin socket allows for stable pairing of compatible accessories, such as external writing modules. The device also accepts Nano SIM and Micro SD cards, providing constant network connectivity and the option to expand storage space.



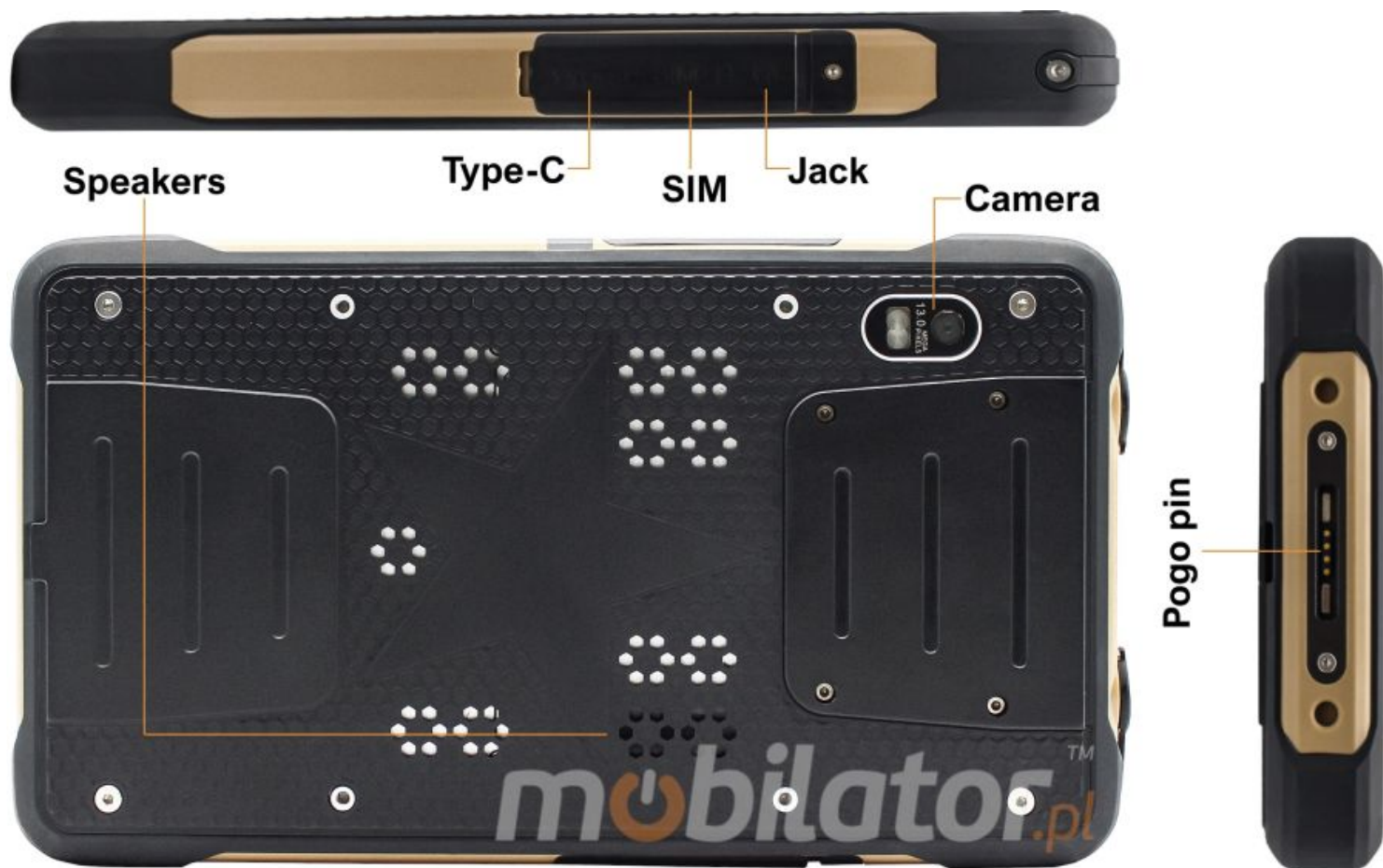
25mm



131mm



230mm



Dimensions	230 x 131 x 25mm
Weight	800g


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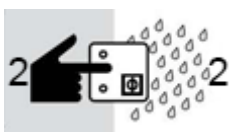
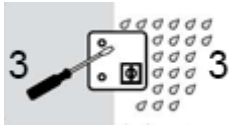

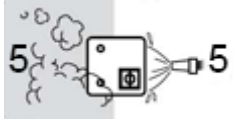
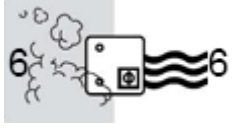


RESISTANCE

IP67 protection class



The IP67 rating is a standardized measure of structural durability, providing a complete barrier against fine dust and sand. The first digit of the code confirms the absolute tightness of the housing, preventing contaminants from reaching sensitive technical components. The next digit guarantees safety during accidental, short-term immersion in liquids at a depth of no more than one meter. This design makes the equipment resistant to harsh weather conditions and unfortunate incidents in difficult terrain.

Firts digit	Protection level	Second digit
No special protection	0  0	No special protection

Firts digit	Protection level	Second digit
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 construction of the MobiPAD 770X guarantees its durability against impacts from a distance of 1.2 meters, confirming its exceptional durability in hazardous environments. This durability translates into exemplary performance during intensive use. For bike users, this feature is crucial, as it protects the

device from the effects of shocks on bumpy trails or from the potential for disengagement from the mount at high speed. Thanks to its reinforced structure, the device remains intact even after violent contact with rocky surfaces, making it an indestructible support on any cycling route.

Extreme temperatures

The rugged MobiPAD 770X tablet offers full functionality across extreme temperature ranges from -20°C to 55°C, providing reliable support in the harshest climates. Its component architecture allows for safe storage in environments heated to up to 80°C, protecting it from damage while idle. This thermal resistance makes the device ready for all kinds of weather, from icy warehouses to intensely heated production facilities. For cycling and motorcycle enthusiasts, this means full navigation performance during both frosty winter rides and sun-kissed stops.

Operation temperature : -20°C ~ 55°C

Storage temperature : -40°C ~ 80°C



Operation Temp.	-20°C to 55°C
Storage Temp.	-40°C to 80°C
Humidity	5% to 95%

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WIRELESS COMMUNICATION

GPS Navigation

The MobiPAD 770X offers unrivaled location accuracy thanks to the professional Ublox-M9N module, which you can rely on in every situation. Support for four global navigation systems (GPS, GLONASS, BeiDou, and Galileo) ensures stable coverage in every corner of the world. Furthermore, the lightning-fast position update rate of up to 5 times per second ensures that every movement is recorded with surgical precision, providing complete control over your route.

Bluetooth 5.0

Modern Bluetooth connectivity is the foundation for safe and seamless communication during outdoor activities. The MobiPAD 770X's Bluetooth 5.0 standard ensures impressive range and consistent signal strength, crucial when pairing the device with wireless sports headphones, for example. This technology allows cyclists and motorcyclists to enjoy uninterrupted audio playback without the hassle of cables. The tablet's robust yet sleek design allows for secure mounting on handlebars, offering excellent readability and ease of control in all outdoor environments. The shock-resistant casing ensures a stable connection to audio accessories, whether on smooth asphalt or bumpy forest paths.

Wi-Fi network

Wireless connectivity is the foundation of digital information flow in every professional work environment. The Wi-Fi module in the MobiPAD 770X enables

instant parameter transmission and resource verification in logistics centers. This system supports interaction on investment sites and facilitates the modification of plans and schedules in the transportation industry. It allows employees to instantly access digital design documents and download service guidelines. This solution ensures that all reports are updated simultaneously, resulting in greater precision and minimizing the risk of errors.

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

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APPLICATION

Motor sports

The synergy of advanced technologies makes the MobiPAD 770X a key component of equipment for demanding motorcycle expeditions. A built-in positioning module guarantees precise route guidance even in the most inaccessible areas, where traditional solutions fail. Bluetooth transmission ensures seamless synchronization with intercoms, wireless audio transducers,

and external devices, enhancing the functionality of the entire system while riding. A powerful battery ensures hours of autonomy, eliminating the need for periodic recharging during long-distance journeys. The reinforced airtight housing provides an effective barrier against liquids and dust, ensuring trouble-free operation in extremely diverse weather conditions. The overall design, based on a stable navigation system, modern connectivity, and a durable battery, makes this device a reliable pillar of any two-wheeled expedition.



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Drone Pilots

The versatile MobiPAD 770X tablet is perfect for drone piloting thanks to its ultra-bright 2600 nits screen, which guarantees excellent image readability even in direct sunlight. Equipped with a powerful 10,000 mAh battery, it allows for long flights without having to worry about the device suddenly running out of charge mid-operation. Integrated Wi-Fi connectivity ensures fast and stable data transmission and seamless uploading of footage from the drone directly to the device. By combining these three key features, the operator gains a professional, reliable tool that provides complete control of the drone in all terrain conditions.



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Industry and Construction

The robust MobiPAD 770X industrial tablets guarantee reliability in extreme

conditions thanks to their MIL-STD-810G certification and high IP67 sealing, making them resistant to drops, dust, and flooding. Equipped with a powerful 10,000 mAh battery, the devices allow for hours of uninterrupted operation without the need for frequent recharging. This rugged construction and efficient power supply make them ideal tools for demanding tasks in industry and on construction sites.



Service and diagnostics

The MobiPAD 770X mobile device with Android 13 provides instant access to the latest diagnostic and service applications. Thanks to its built-in Bluetooth

module, the tablet seamlessly connects to interfaces and measurement devices throughout the workshop. The intuitive interface allows for quick inspection of diagrams and generating reports for customers directly at the vehicle. A stable system and modern connectivity make mechanics' work significantly more efficient and organized. It's the ideal tool for professionals who value mobility and reliability in everyday service tasks.



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