MobiPad Tex101 v.2 - ATEX-compliant tablet, 10.1 inch, Android 9/10/11/13, 8GB RAM, 128GB, NFC, LTE, GPS, 14600mAh battery, 1000 nits bright screen

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 9/10/11/13
Display:	10,1" (1920x1200) IPS
Brightness:	1000 NIT
Processor:	ARM Cortex A73Octa-core 2.0GHz
Memory:	8 GB
Hard Drive:	No
Flash Memory:	128GB
Touch screen:	Yes capacitive screen
Durability:	IP65
Drop:	1.22m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Temp. Operating -20 DO 55Temp. Storage -40 DO 80

Humidity:	5%-95%
1D barcode scanner (reader):	No
2D barcode scanner (reader):	Optional
RFID scanner (reader):	**RFID HF - NFC**
Other:	No
Battery:	14600mAh
Working time on battery:	10/12h under typical conditions
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	Dual-band WIFI 802.11 (2.4GHz/5Ghz) a/b/g/n/ac
Bluetooth:	Bluetooth 5.0
WAN:	GSMEDGEGPRSWAP B2/3/5/8
GPS:	Yes
Camera:	Front 5Rear 13 MP Flash
In/Out:	USB TYPE-C TYPE-A8 PIN POGOPIN
Optional accessories:	Yes
Docking station connector:	Yes
VESA standard – holders and mounts support:	Yes
COM port:	RS232
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	Yes
Graphics card:	ARM Mali -G72 MP3
Chipset:	---
BIOS:	No
Casing material:	ABSPCTPU
Flash Card Reader:	MICRO SD

CD/DVD:	No
Audio:	built-in microphone and speaker
Keyboard:	on-screen keyboard
Additional Navigation Devices :	No
Color:	Gray
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP65MIL-STD-810G
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	320x210x12mm
Fanless casing:	---
Weight:	1320g

2 539,46 zł
net price: 2 064,60 zł

MobiPad Tex101
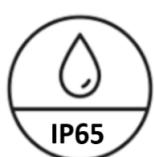
ATEX CERTIFICATE

SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The MobiPad Tex101 industrial tablet is the ideal tool for working in potentially explosive atmospheres, as confirmed by its ATEX certification. Designed for industries where the presence of explosive gases is common, such as the oil and petrochemical industry, mining, the military, and public services, the device's resistance to harsh environmental conditions is confirmed by MIL-STD-810G and IP65 standards. These standards protect the tablet from dust, water, shock, vibration, and extreme temperatures. The

rugged construction can withstand a drop from a height of 1.22 meters and pressure of up to 2 tons. The tablet is equipped with a safe and efficient 14600 mAh battery. The screen ensures excellent readability even in bright sunlight, and reliable operation is guaranteed even in very low temperatures.

ATEX CERTIFICATE

ATEX Certificate

An ATEX certificate is a European Union designation confirming that a given product is safe for use in explosive atmospheres – such as those found in the oil, chemical, or gas industries. The name comes from the French "Atmosphères Explosibles". The certificate specifies, among other things, the type of explosion protection, the explosive group, and the temperature class.

ATEX Zones:

The classification of ATEX zones determines the likelihood of an explosive atmosphere occurring and is crucial for selecting appropriate equipment.

Zone 1

Characteristics: An area where an explosive atmosphere (a mixture of air with flammable gases, vapours, or mists) may occur occasionally during normal operation.

Required Equipment: Devices intended for use in Zone 1 must provide a high level of protection and be designed so that even in the event of rare malfunctions, they do not become a source of ignition.

Zone 2

Characteristics: An area where an explosive atmosphere (a mixture of air with flammable gases, vapours, or mists) does not occur during normal operation, or if it does, it is only for a short period and infrequently.

Required Equipment: Devices intended for use in Zone 2 must provide a normal level of protection and be designed so that they do not become a source of ignition under normal operating conditions. Protection against ignition is only required during normal operation.

With Zone 1 certification, the MobiPad Tex101 tablet is suitable for use in environments where the risk of an explosive atmosphere is possible. This means the device provides a high level of safety, and its design minimizes the risk of becoming a source of ignition even in the event of a malfunction.

SPECIFICATION

MobiPad Tex101 v.2	
ATEX	certification
STREFA ATEX	1
Processor	ARM Cortex 73 Octa-core (2.0GHz)
Graphics	ARM Mali -G72 MP3

MobiPad Tex101 v.2

Operating system	Android 9/10/11/13 *(optional at time of order)
RAM	8GB RAM + 128GB ROM
Display	10,1" 1200x1920 IPS
Touch screen	Capacitive
Battery	14600mAh
Camera	5Mpx Front| 13Mpx Rear+ Flash
Protection	MIL-STD-810G	Upadek do 1.22m	IP65
Communication	3G/4G	Bluetooth	Wi-Fi	GPS	NFC
Connectors	USB Typ C	Audio Jack	RS232
Memory card	Micro SD (max 1TB)
SIM card	Nano SIM

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

The dust-resistant MobiPad Tex101 is powered by a powerful and energy-efficient ARM Cortex processor (2.0 GHz). It features eight cores working together, enabling more efficient processing of multiple tasks simultaneously.
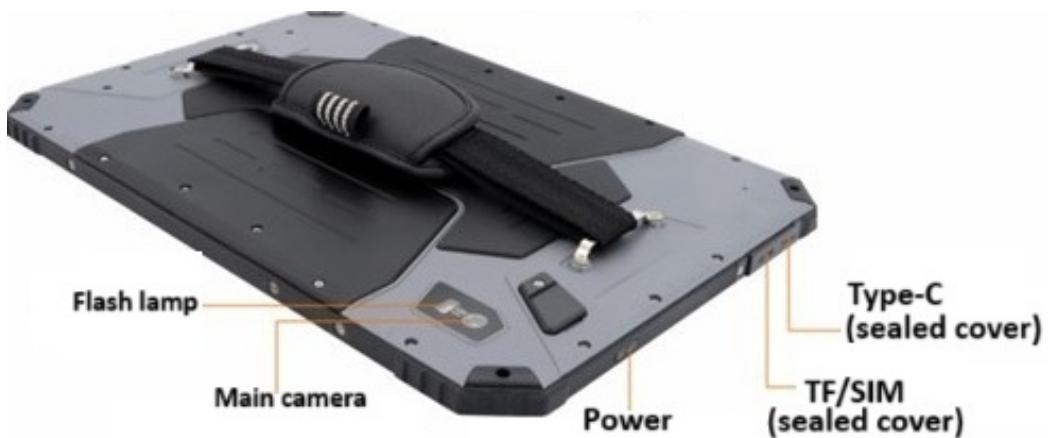
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Ergonomic design

The MobiPad Tex101 tablet combines durability with ergonomic design. Its

slim, 12mm-thick casing makes it both robust and easy to handle. Its carefully designed, non-slip surface ensures a secure grip, while rubber corners further protect the device from damage caused by drops. This makes the tablet equally suitable for demanding industrial environments and everyday use.

Dimensions	210mm x 320mm x 12mm
Net weight	1320 g

Speaker

Ambient light sensor

Sub camera

Charge lamp

Typ A
(sealed cover)

RS232
(sealed cover)

Typ A
(sealed cover)

4:50
Saturday, November 17
ATEX

mobilator.pl

Fingerprint module

Menu

Back

Search

Scan

Defined button

Confirm button

8 Pin Pogo Pin

MIC

Direction button

Flash lamp

Main camera

Power

Type-C
(sealed cover)

TF/SIM
(sealed cover)

Capacitive screen

With the capacitive screen, the reaction of the device is not to directly press the screen, but to change the electrostatic field at the point where the device is touched. This allows for much more precise handling and gentle brushes on the screen. In addition, we can use multitouch technology, the ability to control our tablet or the collector with a few fingers at once.

1000-nits screen

Nit is a unit of measurement used to describe the brightness of electronic device screens – the higher the number of nits, the brighter the display. The MobiPad Tex101 boasts a screen with an impressive maximum brightness of 1000 nits. This level allows for trouble-free use of this dust- and water-resistant tablet, even in direct sunlight.

DATA COLLECTING

NFC

NFC in industrial tablets is a short-range wireless communication technology that enables rapid data exchange between a tablet and another device (e.g., a payment terminal) by simply bringing them close together. Key applications and benefits of NFC in industry include rapid identification, allowing for easy reading of data from RFID tags placed on products or machines. It is also used for access control, authorizing access to equipment or specific rooms. It also simplifies the process of collecting data directly in the field. This technology ensures relatively secure data transfer over short distances and, thanks to its ease of use, significantly increases task efficiency. It is an ideal solution for demanding industrial environments where speed and reliability are key.

NFC	ISO 14443A/B ISO15693

Barcode scanner

The barcode scanner reads and transmits data quickly and efficiently. Thanks to its dynamic performance and wide reading range, the device precisely captures information, significantly increasing work speed and efficiency. Furthermore, its advanced 2D scanning engine (E20) effortlessly reads even damaged and blurred codes, including QR codes.

2D	E20

*Optional equipment, available only in specific device versions or upon request.

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RESISTANCE

MIL-STD-810G is a US military standard that specifies a device's overall durability under a wide range of harsh conditions, such as shock, extreme temperatures, and vibration. It indicates the comprehensive resistance of the device to harsh operating environments.

IP65 is an international standard that precisely defines a device's level of protection against dust (complete dustproofness) and water (resistance to low-pressure water jets). It focuses solely on the tightness of the housing.

IP6X   The IP6X standard means complete dust tightness and full protection against access to h

IPX5 IPX5 indicates protection against water jets directed against the housing from any directi

1.22 m drop resistance

The specially designed construction of the military tablet guarantees the device's resistance to accidental falls from a height of up to 1.22 meters in working mode, even onto hard surfaces.

Extreme temperatures

The MobiPad Tex101 tablet is designed for extreme temperatures. It can operate continuously between -20°C and 55°C, and in storage mode, it can withstand temperatures from -40°C to 80°C. The device is also suitable for high-humidity environments, handling relative humidity up to 95%.

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

WIRELESS COMMUNICATION

GPS Navigation

The field-ready MobiPad Tex101 work tablet is equipped with a professional GPS module with support for GLONASS, BEIDOU, AGPS, and SBAS, combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily reach any destination.

Bluetooth 5.0

Bluetooth enables short-range wireless communication between various electronic devices, such as keyboards, computers, laptops, palmtops, mobile phones, and many others. In the fifth version of this standard, power consumption was significantly reduced at the cost of lower transfer rates, and the effective operating range was increased.

Wi-Fi network

Dual-band Wi-Fi provides fast internet access wherever a secured or open Wi-Fi connection is available. This is a convenient solution for users with a router and a Wi-Fi network at work or home, allowing for free connection use.

Standards	802.11
Frequencies	2.4GHz/5GHz (Dual-Band)

APPLICATION

Trade and Services

The MobiPad Tex101, thanks to its handy design and lightweight design, is the ideal support for sales representatives. Modern Android apps enable easy management of customer and product databases, allowing for quick searches (e.g., by name or NIP number). An additional advantage is the ability to instantly send orders or invoices to the company via GSM or Wi-Fi.

Industry and Construction

Industrial tablets are characterized primarily by their high resistance to adverse operating conditions. Their dust- and water-resistant housing, confirmed by the IP65 certificate (dust and water resistance standard) and the MIL-STD-810G military standard, allows for trouble-free operation even in the harshest conditions found in industrial infrastructure or on construction sites. With the help of appropriate applications, specialized tablets can be used to monitor and control various industrial processes, as well as to collect and analyze data.

The MobiPad Tex101 tablet is the ideal tool for rapid inventory counting in wholesale stores. Depending on the software used, it facilitates many key processes, such as entering and issuing goods, price control, order collection, customer identification, and warehouse management. Its use translates into significant time savings and increased customer satisfaction thanks to the speed of service and price accuracy.

ACCESSORIES AND AVAILABLE VERSIONS

We also offer a range of additional accessories for this durable tablet to further enhance its functionality and comfort. Below is a list of available accessories. Clicking the "Check" link will take you to a page with a

description and price of the accessory.

MobiPad Tex101 - Desktop charging hose bracket (long flexible arm)

The long, flexible stand allows you to conveniently adjust the tablet's tilt angle to suit the user's needs.

Check

MobiPad Tex101 - vehicle charging hose bracket (long flexible stem)

The long, flexible stand allows you to conveniently adjust the tablet's tilt angle to suit the user's needs.

Check

MobiPad Tex101 Vehickle heavy duty bracket

Strong, adjustable (tilting) leg. Wide, stable metal base. Power cord built into the handle ensures stability and comfort.

Check

MobiPad Tex101 Desktop charging bracket (short arm) with power cord

Use your industrial tablet comfortably while you work thanks to the desk holder.

Check

The MobiPad Tex101 tablet, ATEX certified for use in harsh environments, is available in several versions tailored to different needs. Clicking on the hardware configuration number will redirect you to the product with the

parameters listed in the table below. Furthermore, upon request, we can create a configuration not currently available.

> *i* More photos in full resolution available in the "Gallery".

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	v.1	v.2	v.3
NFC	—		
2D (E20)	—	—	