MobiPad Tex08 v.3 - 8-inch ATEX certified tablet for special tasks - Android, 8GB/128GB, 4G, 1000 nits screen, long-lasting battery 18900mAh

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 11/13
Display:	8" (1920x1200) IPS
Brightness:	1000 NIT
Processor:	ARM Cortex A73Octa-core 2.0GHz
Memory:	8 GB RAM
Hard Drive:	No
Flash Memory:	128GB ROM
Touch screen:	Yes capacitive screen
Durability:	IP67
Drop:	1,52 m5ft
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):	**2D (E20)**

RFID scanner (reader):	RFID HF-NFC
Other:	No
Battery:	18900mAh
Working time on battery:	10/12h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	Dual-band WIFI 802.11 (2.4GHz/5Ghz) b/g/n/ac/a
Bluetooth:	Bluetooth 5.0
WAN:	GSMWCDMAEDGEGPRSWAP
GPS:	Yes
Camera:	Front 5Rear 13 MP
In/Out:	USB
Optional accessories:	---
Docking station connector:	Yes
VESA standard – holders and mounts support:	---
COM port:	---
Magnetic card reader (MSR):	No
Microchip card reader:	Nie
Contrast:	Yes
Graphics card:	---
Chipset:	ARM Mali -G72 MP3
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:	BlackGray
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP67MIL-STD-810G
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	256x159x23mm
Fanless casing:	---
Weight:	1015g

2 564,55 zł
net price: 2 085,00 zł

MobiPad Tex08

ATEX CERTIFICATE

SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The MobiPad Tex08 ATEX-certified tablet for special tasks is an ideal option for those working in areas exposed to gas explosions. It is ideal for sectors such as the oil, petrochemical, and mining industries, as well as the military and public safety services. It meets the stringent MIL-STD-810G and IP67 standards, guaranteeing high resistance to dust, water, shock, vibration, extreme temperatures, and other harmful factors. The durable MobiPad Tex08 tablet has a capacious 18900mAh battery, a bright screen, and reliable

performance in extremely low temperatures. This device was created to work in the most demanding conditions.

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.

The MobiPad Tex08 is certified for Zone 1, making it suitable for use in environments where the risk of an explosive atmosphere is rare but 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.

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SPECIFICATION

MobiPad Tex08 v.3	
ATEX	certification
STREFA ATEX	1
Processor	ARM Cortex A73 Octa-core 2.0GHz
Graphics	ARM Mali -G72 MP3
Operating system	Android 11/13 *(optional at time of order)
RAM	8GB RAM + 128GB ROM
Display	8" 1200x1920 IPS
Touch screen	Capacitive

MobiPad Tex08 v.3	
Battery	18900mAh
Camera	5Mpx | 13Mpx with flash
Protection	MIL-STD-810G| IP67
Communication	4G | Bluetooth | Wi-Fi | GPS | NFC | 2D (E20)
Connectors	USB | TYP-C
Memory card	Micro SD
SIM card	NANO SIM

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

The rugged MobiPad Tex08 industrial tablet features a powerful and energy-efficient ARM Cortex A73 processor. Inside, it houses eight cores working together, enabling more efficient processing of multiple tasks simultaneously.

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Ergonomic design

The MobiPad Tex08 combines ergonomic design with durability. With a slim, 23mm-thick casing, it's not only durable but also compact. The carefully designed casing ensures a secure grip. The tablet performs equally well in demanding industrial environments and everyday use.

Dimensions	256mm x 159mm x 23mm

Net weight	1015g

159mm

256mm

23mm

Light Sensor

Front Camera

Charge Lamp

NFC Module
Home Button
Back Button
Volume Up
Scan Button/Defined Button
Defined Button

Type-A (Sealed Cover)

Speaker

Reset Button

Volume Down

Nameplate
Main Camera
Flash Lamp
Type-C (Sealed Cover)
SIM/TF (Sealed Cover)
Power Button

MIC   4pin Pogo Pin (Magnetic)

Capacitive screen

Glass
ITO

Spacers   Spacers   Airgap

ITO
Glass

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.

Extension

NFC Module

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 Tex08 offers a screen with a maximum brightness of 1000 nits in its basic version. This value allows for efficient use of this dust- and water-resistant tablet, even in direct sunlight.

DATA COLLECTING

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

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

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IP67 | MIL-STD -810G Protection

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.

The IP67 standard, which this heavy-duty tablet meets, defines the high degree of protection provided by its casing against dust ingress and the effects of temporary immersion in water. It's a reliable solution for industries where resistance to external factors and durability are key.

IP6X	The IP6X standard means complete dust tightness and full protection against access to hazardous parts (tools, wires, fingers), which ensures the safety and reliability of the device in a polluted environment
IPX7	Water cannot penetrate the device if it is immersed within the specified time and pressure conditions (up to 1m)

Fall to 1.52 m

The specially designed construction of the military tablet guarantees the device's resistance to accidental falls from a height of up to 1.52 m (5 ft) in working mode, even on hard surfaces.

Extreme temperatures

The MobiPad Tex08 weather-resistant 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%

up…

WIRELESS COMMUNICATION

GPS Navigation

Optimized for field work, the MobiPad Tex08 tablet is equipped with a professional-grade, low-power, high-accuracy GPS module. This ensures fast and smooth navigation, helping you reach your destination with precision.

Bluetooth 5.0

Bluetooth 5.0 enables wireless communication over short distances, connecting various devices such as keyboards, computers, and smartphones. This version offers significantly reduced power consumption and a greater operating range than previous standards.

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 a/b/g/n/ac
Frequencies	2.4GHz/5GHz (Dual-Band)

APPLICATION

Trade and Services

The compact and lightweight MobiPad Tex08 tablet is the ideal tool for sales representatives. Android-based applications enable more efficient management of customer and product databases, including quick searches (e.g., by name or Tax Identification Number). The device also allows for the immediate sending of orders and invoices to the company via GSM or Wi-Fi networks.

Industry and Construction

Ruggedized industrial tablets are distinguished by their durability in harsh operating conditions. Their casings are dust- and waterproof, as confirmed by IP67 certifications (dust and water resistance) and the MIL-STD-810G military standard. This makes devices like the MobiPad Tex08 suitable for the harshest environments, such as construction sites or industrial infrastructure.

Warehouse

The powerful MobiPad Tex08 tablet is the ideal solution for optimizing inventory and warehouse processes. It enables quick and precise execution of key tasks such as entering and issuing goods, controlling prices, taking orders, identifying customers, and managing inventory.

ACCESSORIES AND AVAILABLE VERSIONS

The Atex-certified MobiPad Tex08 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.

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

	v.1	v.2	v.3
NFC	—	+	+

2D (E20)

—   —   +