

EMDOOR T11X v.1 - Rugged 10-inch industrial tablet with Android 12, LTE 4G, 8GB RAM, 128GB memory, GPS, WiFi, Bluetooth, 13MP camera - for work in the field and in production halls

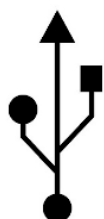
Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	Android 12
Display:	10.1
Brightness:	700 nits
Processor:	ARM OCTA core 2.0GHz
Memory:	8GB
Hard Drive:	128GB
Flash Memory:	---
Touch screen:	Capacitive 10 point touch
Durability:	IP65
Drop:	1,22 m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Temp. Operating -10 TO 50Temp. Storage -20 TO 60
Humidity:	0%-95%
1D barcode scanner (reader):	---

2D barcode scanner (reader):	Zebra SE4710*(optional)
RFID scanner (reader):	NFC 13,56MHz
Other:	-----
Battery:	8000mAh
Working time on battery:	About 9 hours (at 50% brightness and volume, 1080P video playback).
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	No
WLAN:	802.11 a/b/g/n/ac (2.4G/5G)
Bluetooth:	Bluetooth 5.2
WAN:	4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B17/B20/B28A/B28B WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8 LTE-TDD: B38/B39/B40/B41N
GPS:	GPS Beidou GLONASS
Camera:	Rear: 13MpxFront: 5Mpx
In/Out:	USB Type-C x 1, USB 2.0 Type-A x 1, SIM Card x 2, TF Card x 1, 12PIN Pogo Pin x 1, Jack 3.5mm x 1
Optional accessories:	wrist strap/handle, car mount, docking station, wall charger
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	ARM Mali-G57 MC2
Chipset:	MT6789
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	TF Card

CD/DVD:	----
Audio:	Built-in microphone and speaker
Keyboard:	Onscreen
Additional Navigation Devices :	----
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP65, MIL-STD-810G
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	275.7 x 187.5 x 24.5mm
Fanless casing:	Yes
Weight:	1000g

556,83 €

net price: 452,71 €



EMDOOR T11X



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The Emdoor T11X is an innovative, waterproof industrial tablet designed for demanding and harsh environments. Its robust, reinforced design is designed for use in harsh conditions. Compliance with IP65 and MIL-STD-810G standards ensures high resistance to dust, moisture, and accidental drops, ensuring reliability even during intensive field use.

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SPECIFICATION

Emdoor T11X	
Processor	ARM (OCTA Core)
Operating system	Android 12/GMS
RAM	8GB
ROM	128GB
Battery	8000mAh
Communication	4G LTE Bluetooth 5.2 Wi-Fi GPS NFC
Display	10.1" 1280×800, 700 nits brightness, 16:10
Touch screen	Capacitive (10-point)

Emdoor T11X

Camera	5 + 13 Mpx
Protection	IP65
SIM card	2 x Nano SIM
TF Card	microSD/TF (max 128GB)
Graphics card	ARM Mali-G57 MC2
Permanent connections	USB Type-C USB 2.0 Type-A 1x 3.5mm Audio Jack
2D scanner	ZebraSE4710* (optional)



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

The drop-resistant tablet features a powerful and energy-efficient MediaTek MT6789 processor, ensuring smooth and stable operation even in demanding environments. The system's modern architecture enables efficient operation of technical and service applications, as well as systems used in field operations. The processor combines high computing performance with limited energy consumption, resulting in longer operating time on a single charge and reliable operation in everyday use. An armored tablet equipped with this system proves to be a practical solution in the field, warehouses, and industrial environments.

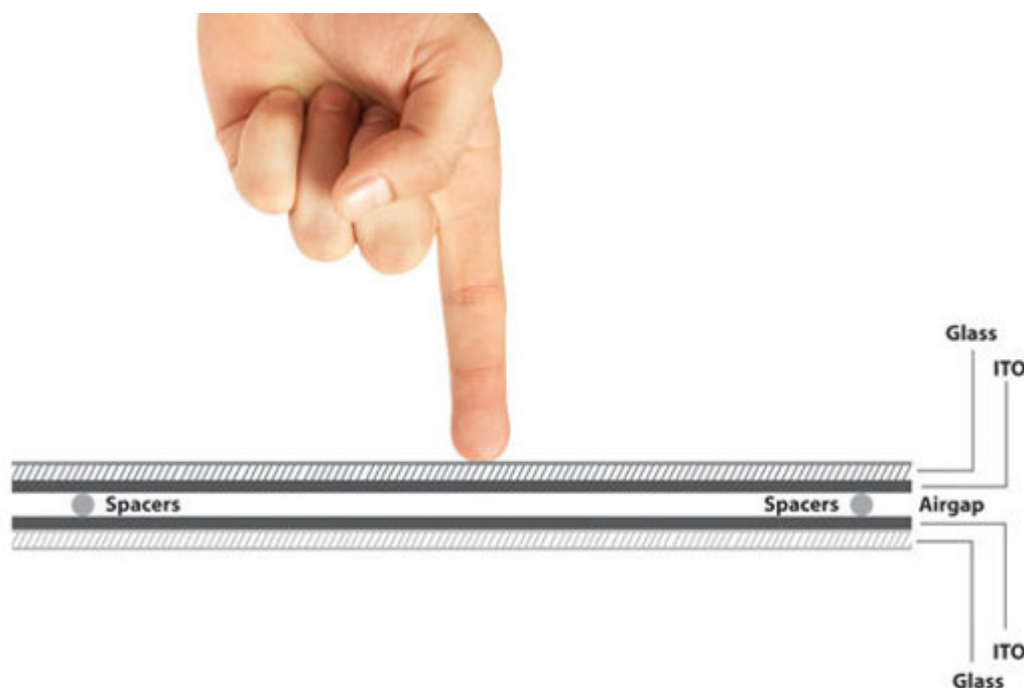
Ergonomic design



The Emdoor T11X tablet for emergency services was designed with durability and comfort in mind in demanding conditions. Its robust yet slim casing, combined with a modern design, makes it suitable for both industrial environments and field work. Carefully selected dimensions give the device a compact design, ensuring the rugged tablet remains comfortable and ergonomic in everyday use. The anti-slip texture of the casing improves grip stability, while reinforced corners increase resistance to shocks, drops, and impacts, effectively protecting the device from potential damage.

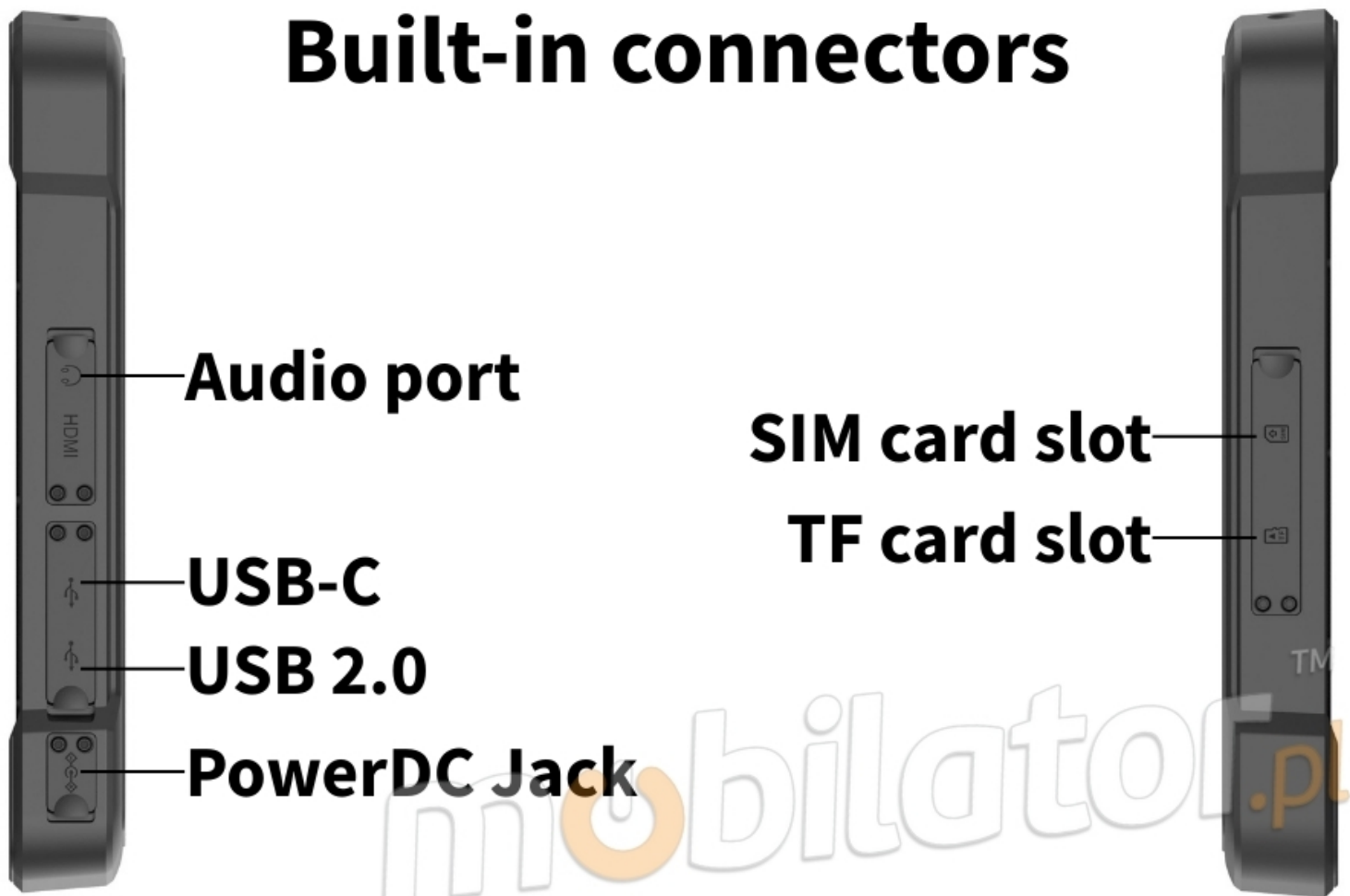
Dimensions	275.7mm x 187.5mm x 24.5mm
Net weight	1000g

Capacitive screen



The EMDOOR T11X industrial tablet features a capacitive screen that detects changes in the electrostatic field generated at the point of contact with the display surface, rather than direct pressure on the glass. This ensures exceptionally precise and smooth operation, with the device responding even to the lightest touch. Multitouch technology allows for the simultaneous use of multiple touch points, enhancing comfort and enabling intuitive control of the reinforced tablet using multiple fingers simultaneously, even when wearing gloves.

Built-in connectors

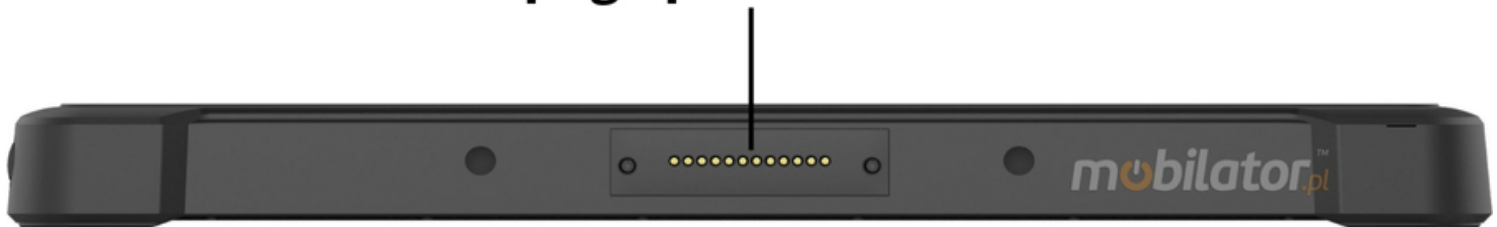


The splash-proof Emdoor T11X tablet is equipped with a set of key ports and connectors that facilitate use in industrial environments and on construction sites. The design includes a fast USB-C connector, a classic USB 2.0 port, an audio jack, and a dedicated DC jack power input. The device also provides great flexibility for field use thanks to the presence of a SIM card slot and a TF card slot, which allows for convenient expansion of available data space.



The exceptionally robust Emdoor T11X is equipped with a set of physical buttons including volume control, power switch and an additional programmable key that increases the functionality of the device and facilitates operation in demanding working conditions.

pogo pin interface

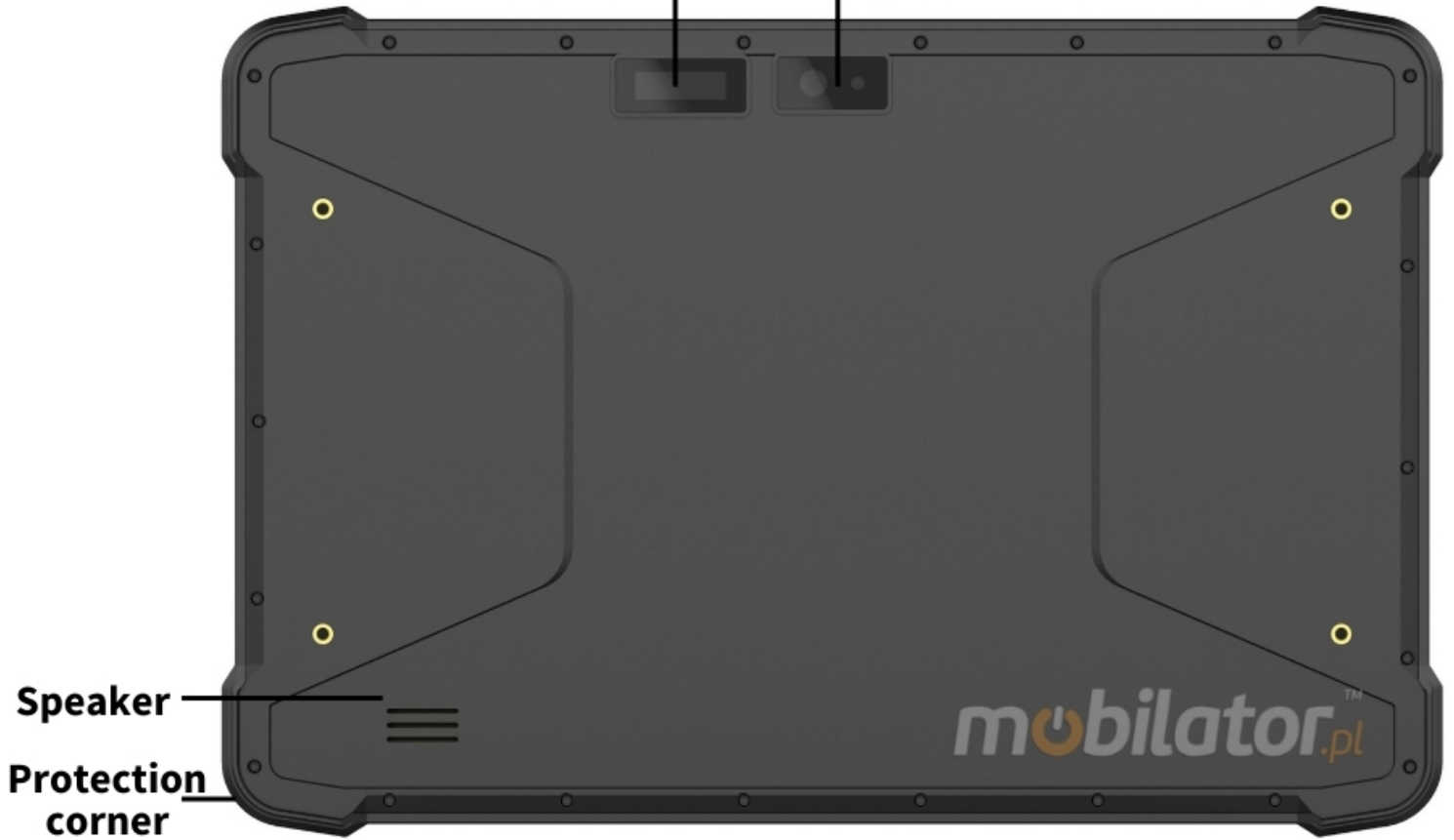


The POGOPIN connector allows you to quickly connect a military tablet to the docking station.

DATA COLLECTING

Barcode scanner *(
optional)

Scan window **Rear Camera**



The barcode reader integrated with the warehouse tablet enables the rapid reading, decoding, and transfer of data stored in barcodes to the system. Thanks to its wide scanning range and high reading dynamics, the mobile service tablet precisely captures information, streamlining processes and increasing work efficiency. Activating the scanning function is straightforward, as the simplified installation process and intuitive device design allow for quick setup. Variants equipped with an integrated scanning module utilize the Zebra SE4710 solution.



2D

*

Zebra SE4710

NFC

NFC 13.56MHz



Emdoor

NFC (Near Field Communication) technology is a short-range standard used in wireless communication, enabling data exchange over a short distance of just a few centimeters. The Emdoor T11X wholesaler tablet is equipped with an NFC module operating at 13.56 MHz and compliant with the ISO/IEC 14443A standard. This solution is used in access control systems, employee identification, logistics processes, and payment processing, among other applications. Designed for uniformed services such as the police, border guards, fire departments, and municipal police, this functional tablet can read tags and work with smart card systems within a range of approximately 2–4 centimeters.



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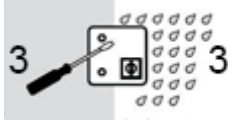


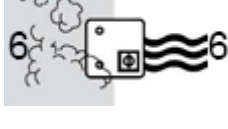

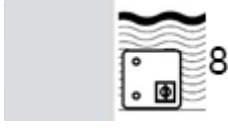
RESISTANCE

IP65



The IP65 standard, which this rugged tablet meets for demanding applications, defines the level of protection provided by the enclosure against access to hazardous internal components, ingress of solid objects, and exposure to splashes or water directed from any direction. Compliance with this standard ensures the Emdoor T11X military tablet remains highly resistant to operation in both industrial and outdoor environments, regardless of weather conditions.

Firts 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

Firts digit	Protection level	Second digit
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 1.22 m

The carefully reinforced design of the Emdoor T11X logistics tablet guarantees resistance to accidental drops from a height of up to 1.22 meters, even onto hard surfaces during normal operation. The device meets the stringent requirements of the MIL-STD-810G standard, confirming its durability and reliability in harsh industrial environments and during field operations.

Extreme temperatures

The Emdoor T11X outdoor tablet is designed to operate in a wide temperature range, enabling continuous use in both low and high temperatures, from -10°C to 50°C. When the device is not in use, the temperature range expands from -20°C to 60°C, ensuring the safety of the device. Furthermore, the industrial tablet is suitable for use in humid environments, maintaining full functionality even at relative humidity levels of up to 95%.

Working Temp.	-10°C to 50°C
Storage Temp.	-20°C to 60°C
Humidity	0% to 95%

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WIRELESS COMMUNICATION

GPS Navigation

The dust-resistant Emdoor T11X tablet is equipped with an advanced GPS module that combines low power consumption with high location precision. The navigation system operates efficiently and stably, ensuring accurate positioning

and safe movement even in demanding outdoor and industrial conditions.

Bluetooth 5.2

The innovative Bluetooth 5.2 module provides efficient and energy-efficient short-range communication with various devices, such as printers, keyboards, RFID readers, scanners, and headphones. This technology offers greater stability and faster data transfer compared to previous standards, while simultaneously reducing device power consumption.

Wi-Fi network

The professional Emdoor T11X tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac in the 2.4 GHz and 5 GHz bands, enabling fast and stable access to local networks and the internet. This solution is suitable for both office and field work, ensuring high throughput and reliable data transmission.

Standards	802.11(a/b/g/n/ac)
Frequencies	2.4GHz/5GHz (Dual-Band)

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APPLICATION

Thanks to its versatility and intuitive operation, the Emdoor T11X industrial tablet is a practical tool for field workers and sales representatives. Modern mobile applications enable quick information gathering, customer verification, offer presentation, and sales document creation. Designed for warehouse use, the device allows for invoice generation, order fulfillment, and real-time data synchronization with ERP systems, regardless of the work location, thanks to GSM and Wi-Fi connectivity.



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Industry and Construction

Construction tablets designed for harsh environments, such as the Emdoor T11X, are highly resistant to environmental factors. The dust- and waterproof housing, certified with an IP65 rating and compliant with the MIL-STD-810G standard, ensures safe use in high-humidity, dust-laden environments, as well as on construction sites and industrial halls. Combined with appropriate mobile apps, the waterproof tablet proves effective as a tool for monitoring work, collecting field data, and managing technical infrastructure and personnel.



Service and diagnostics

The durable Emdoor T11X diagnostic tablet was designed for use in automotive workshops and service centers, where resistance to harsh conditions and reliability are key. The device offers 4G LTE, Wi-Fi, and GPS connectivity, allowing for efficient operation both in the field and in service facilities. Its robust design supports technicians in quickly reading data from vehicle systems, analyzing on-board information, and managing service documentation. The ability to install dedicated software enables error detection, vehicle system configuration, access to diagrams, and reviewing repair history, increasing the efficiency and accuracy of service operations.



ACCESSORIES AND AVAILABLE VERSIONS

This modern tablet comes with a range of additional accessories that enhance its functionality and convenience. Each accessory can be easily explored by clicking on the name or the "Check" link for a detailed description and pricing information.

Wrist strap



The wrist strap for Emdoor T11X multifunction tablets increases safety and comfort of use when working mobile.

[Check](#)

Charger with 3 adapters



Compatible charger with 3 adapters allows charging in different types of sockets

Check

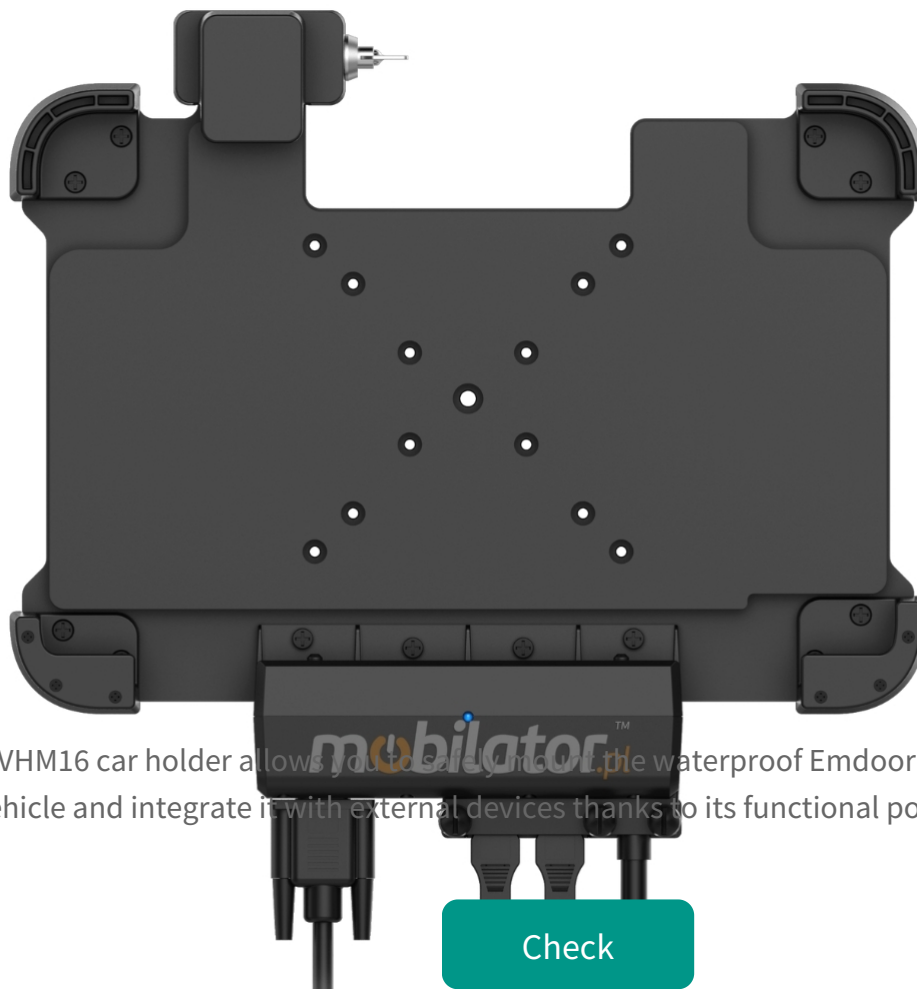
Docking Station



The Emdoor T11X industrial tablet docking station allows you to quickly and safely charge and synchronize your device.

[Check](#)

Car Holder



The EMDOOR EM-VHM16 car holder allows you to safely mount the waterproof Emdoor T11X tablet in your vehicle and integrate it with external devices thanks to its functional ports.

Check

The Emdoor T11X military tablet is available in several variants, tailored to different applications and user requirements. By selecting a specific hardware configuration number, you can access a detailed device description with parameters listed in the table. Additionally, a custom configuration can be prepared upon request if the current versions don't meet your specific needs.

	v.1	v.2
2D	—	+

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