



EMDOOR T17X v.12 - Field tablet with RTK and 2D scanner - Android 12, LTE, 10.1" FHD 700 nits screen, IP65 - for GIS, logistics, and construction

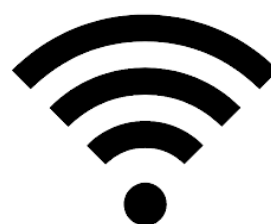
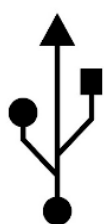
Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	Android 12
Display:	10.1
Brightness:	700 nits
Processor:	ARM OCTA core 2.2GHz
Memory:	8GB
Hard Drive:	128GB
Flash Memory:	---
Touch screen:	Capacitive 10 point touch
Durability:	IP65
Drop:	1,22 m
Shock:	MIL-STD-810H
Vibration:	MIL-STD-810H
Temperature:	Temp. Operating -20 DO 60Temp. Storage -30 DO 70

Humidity:	0%-95%
1D barcode scanner (reader):	---
2D barcode scanner (reader):	MotorolaSE4710
RFID scanner (reader):	NFC 13,56MHz
Other:	-----
Battery:	10000mAh
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/5.8G)
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/B41
GPS:	GPS Beidou Galileo GLONASS RTK
Camera:	Rear: 13Mpx, FlashFront: 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:	Shoulder strap/handle, wrist strap/handle, car mount, docking station, spare battery, wall charger, shoulder strap
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	Yes
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-810H
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	274.9 x 188.7 x 23.1mm
Fanless casing:	Yes
Weight:	1140g

3 403,36 zł

net price: 2 766,96 zł



EMDOOR T17X



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The Emdoor T17X is a modern, waterproof industrial tablet designed for use in extreme conditions. Its specially designed, reinforced construction meets IP65 and MIL-STD-810H standards, ensuring the device is resistant to dust, water, and drops.

[up...](#) [menu...](#)

SPECIFICATION

Emdoor T17X		
Processor	ARM (OCTA Core)	
Operating system	Android 12/GMS	
RAM	8GB	
ROM	128GB	
Battery	10000mAh	
Communication	4G LTE Bluetooth 5.2 Wi-Fi GPS NFC	
Display	10.1" 1920×1200, 700 nits brightness, 16:10	
Touch screen	Capacitive (10-point)	
Camera	5 + 13 Mpx	

Emdoor T17X		
Protection	IP65	
SIM card	2 x Nano SIM	
TF Card	microSD/TF (max 512GB)	
Graphics card	ARM Mali-G57 MC2	
Permanent connections	USB Type-C USB 2.0 Type-A 1x 3.5mm Audio Jack	
Additional connectors	RJ45 * RS232 USB2.0 Type-A * (optional)	
	In the additional connectors, you can select 1 of 3: RJ45 or RS232 or USB2.0. In this version, an RS232 connector is installed	
2D scanner	Motorola SE4710	



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

This drop-resistant tablet features a powerful and energy-efficient MediaTek MT6789 processor, ensuring smooth and stable operation even in demanding conditions. Thanks to its modern architecture, the system is perfectly suited to technical, service, and field applications.

The processor combines high processing power with low energy consumption, resulting in longer battery life and reliability in everyday use. This rugged tablet

with this processor is the ideal tool for work in the field, warehouse, or industrial facility.

[up...](#) [menu...](#)

Ergonomic design



The Emdoor T17X tablet for uniformed services was created with durability and comfort in mind. Its slim and durable casing and stylish design make it ideal for industrial and field use. The compact size was carefully considered to ensure the rugged tablet is both handy and ergonomic. The non-slip surface ensures this

modern tablet fits securely in the hand, while reinforced corners increase resistance to drops and impacts, protecting the device from damage.

Dimensions	274.9mm x 188.7mm x 23.1mm
Net weight	1140g

[up...](#) [menu...](#)

Capacitive screen



The capacitive screen of the EMDOOR T17X tablet doesn't respond to direct pressure on the surface, but rather detects changes in the electrostatic field at the point of touch. This solution allows for exceptionally precise and sensitive operation, even with a light touch. Additionally, the multitouch technology allows for simultaneous use of multiple touch points, increasing work comfort and enabling intuitive operation of the shock-resistant tablet with multiple fingers simultaneously – even while wearing work gloves.

Connectors and buttons

Built-in connectors

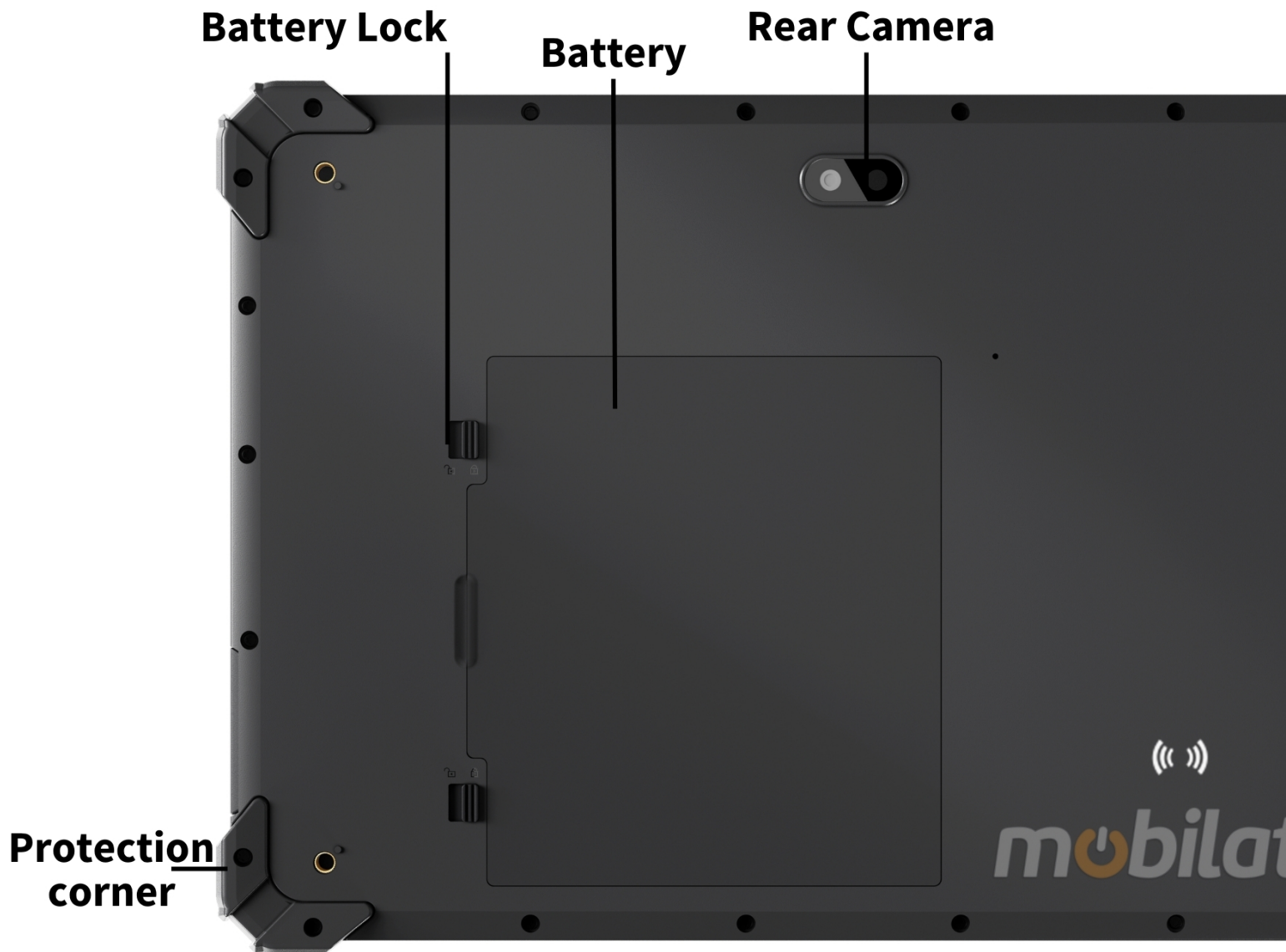


Replaceable connectors



RJ45
RS232 **USB**
Selection 1 of 3

The splash-resistant Emdoor T17X tablet offers a set of essential ports and connectors essential for work in industrial plants and construction companies. Thanks to its modular design, the device can be expanded with additional features such as RS232, USB 2.0, or RJ45, adapting to the needs of a specific industry.



The extremely durable Emdoor T17X features a set of physical buttons (volume, home, power, and one programmable button). The back of this functional tablet is protected by a reinforced casing, a battery lock, and an NFC module.

pogo pin interface



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

DATA COLLECTING

Barcode scanner

Scan window



A barcode reader installed in a warehouse tablet allows for reading, decoding, and transmitting data stored in barcodes to a computer. Thanks to its dynamic scanning capabilities and wide reading range, the mobile service tablet accurately collects data, helping to increase work speed and efficiency. The

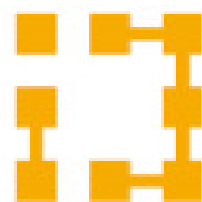
entire system can be quickly deployed, as the simplified installation procedure and intuitive, user-friendly design make setting up the scanner very easy. Integrated versions use the Motorola SE4710 module.



2D	Motorola SE4710
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NFC

NFC 13.56MHz



Emdoor

NFC (Near Field Communication) technology is a short-range wireless communication standard that enables data exchange over a distance of a few centimeters. The Emdoor T17X wholesaler tablet is equipped with a 13.56 MHz NFC module, compliant with ISO/IEC 14443A/B, ISO15693, and ISO 18092 standards. NFC is suitable for applications such as access control, employee authorization, logistics, and payment acceptance. A modern tablet for uniformed services such as the police, border guard, fire department, and municipal guard – it enables tag reading and compatibility with smart card systems with a range of up to 2-4 cm.

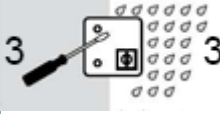
[up...](#) [menu...](#)

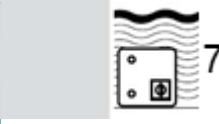
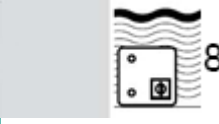
RESISTANCE

IP65



The IP65 standard, which this rugged, heavy-duty tablet meets, determines the degree of protection provided by the device's housing against factors such as access to hazardous parts inside the housing, ingress of solid foreign objects, and splashes or jets of water from any direction. Thanks to its IP65 compliance, the Emdoor T17X military tablet is suitable for both indoor and outdoor use, 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
Protection from object not greater than 12mm in diameter	2  2	Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter	3  3	Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter	4  4	Protection from splashed water

Firts digit	Protection level	Second digit
Complete protection against contact, Protection against dust deposit		Protection from water projected from a nozzle
Complete protection 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 specially designed, reinforced structure of the Emdoor T17X logistics tablet ensures resistance to accidental drops from a height of up to 1.22 meters in operating mode – even onto hard surfaces. The device meets the stringent requirements of the MIL-STD-810H standard, confirming its durability in industrial and field environments.

Extreme temperatures

Designed for field work, the Emdoor T17X tablet is designed for continuous

operation in both very low and high temperatures ranging from -20°C to 60°C. When stored turned off, the device can handle temperatures ranging from -30°C to 70°C. Additionally, this industrial production tablet is ideal for use in rooms with high humidity, ensuring proper operation even at 95% relative humidity.

Working Temp.	-20°C to 60°C
Storage Temp.	-30°C do 70°C
Humidity	0% do 95%

[up...](#) [menu...](#)

WIRELESS COMMUNICATION

GPS Navigation

The waterproof Emdoor T17X tablet is equipped with a precise GPS module that combines low power consumption with high location accuracy. Navigation is fast and stable, enabling effective field positioning and safe navigation even in challenging industrial and outdoor environments.

Bluetooth 5.2

The modern Bluetooth 5.2 module enables energy-efficient, short-range communication with other devices such as printers, keyboards, RFID readers,

scanners, or headphones. This technology offers higher connection stability and speed than previous versions, while reducing power consumption.

Wi-Fi network

The professional Emdoor T17X tablet supports dual-band Wi-Fi 802.11 a/b/g/n/ac, operating in the 2.4GHz and 5.8GHz bands. This enables fast access to local networks and the internet both in the office and in the field, ensuring high stability and data throughput.

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

[up...](#)
[menu...](#)

APPLICATION

Trade and Service

Thanks to its multifunctionality and ease of use, the Emdoor T17X work tablet is an ideal tool for sales and field representatives. Modern mobile applications enable quick data collection, customer verification, offer presentation, and sales document generation. The warehouse tablet allows for invoicing, order creation,

and real-time data synchronization with the ERP system – regardless of location, thanks to access to a GSM or Wi-Fi network.



[up...](#) [menu...](#)

Industry and Construction

Designed for harsh working conditions, construction tablets like the Emdoor T17X are exceptionally resistant to unfavorable working conditions. The dust-

and waterproof housing, certified by IP65, and compliance with the MIL-STD-810H standard, allow for safe use of this robust tablet in areas with elevated humidity and dust levels, as well as on construction sites and industrial halls. With appropriate mobile applications, the waterproof tablet can function as a tool for supervising work, collecting data from the construction site, and managing technical infrastructure and human resources.



Service and diagnostics

The powerful Emdoor T17X diagnostic tablet is ideal for automotive service centers and workshops. Its rugged design, resistance to workshop conditions, and support for 4G LTE, Wi-Fi, and GPS connectivity make this device ideal for use in harsh environments. The rugged tablet supports technicians in quick vehicle diagnostics, analyzing data from on-board systems, and working with service documentation. Software can be installed that allows for error reading, vehicle system configuration, and access to diagrams and repair history, among other features, increasing efficiency and precision.



ACCESSORIES AND AVAILABLE VERSIONS

The professional Emdoor T17X rugged tablet is available in several versions tailored to different needs. By clicking on the hardware configuration number, you will be redirected to the product with the parameters provided in the table below. Furthermore, upon request, it is possible to create a configuration not currently available in the offer.

	v.1	v.2	v.3	v.4	v.5	v.6
RJ45		—	—		—	—
RS232	—	—		—	—	
USB-A	—		—	—		—
2D	—	—	—			
RTK	—	—	—	—	—	—
	v.7	v.8	v.9	v.10	v.11	v.12
RJ45		—	—		—	—
RS232	—	—		—	—	
USB-A	—		—	—		—
2D	—	—	—			
RTK						



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