



EMDOOR V10J v.1 - Rugged 10' Industrial Tablet 1000 nits, Intel N5100, 4GB+64GB, Windows 11, IP65, GPS - Perfect for field and industrial work

Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	Windows 11 Home
Display:	10.1"
Brightness:	1000 nits
Processor:	Intel Jasper Lake processor Celeron N5100
Memory:	4GB
Hard Drive:	64GB
Flash Memory:	---
Touch screen:	Capacitive 5 - point touch
Durability:	IP65
Drop:	1,22 m
Shock:	---
Vibration:	---
Temperature:	Temp. Operating -20 TO 60Temp. Storage -30 TO 70

Humidity:	0%-95%
1D barcode scanner (reader):	---
2D barcode scanner (reader):	---
RFID scanner (reader):	NFC 13,56MHz*(optional)
Other:	-----
Battery:	---
Working time on battery:	---
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	802.11 a/b/g/n/ac (2.4G/5.8G)
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE*(optional)
GPS:	GPS GLONASS
Camera:	---
In/Out:	USB 3.0 Type-A x 1, SIM Card x 1, Power DC Jack
Optional accessories:	car holder, mains charger, car charger, wide voltage module, additional battery, cable with RJ45 tip, cable with RS232x2 tip, cable with RS232 + RS485 tip, cable with USBx2 + CAN tip, cable with USBx3 tip, car antenna
Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	Intel HD Graphics Gen 11 LP
Chipset:	N5100
BIOS:	-----

Casing material:	ABS/PC
Flash Card Reader:	---
CD/DVD:	-----
Audio:	Built-in speaker
Keyboard:	Onscreen
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP65
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	264.5 x 184.1 x 23mm
Fanless casing:	Yes
Weight:	834g

2 534,91 zł
net price: 2 060,90 zł

EMDOOR V10J



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The Emdoor V10J is a modern, waterproof industrial tablet designed for use in extreme conditions. Its specially designed, reinforced construction meets IP65 standard, ensuring the device is resistant to dust, water, and drops.

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SPECIFICATION

Emdoor I87J	
Processor	Intel Jasper Lake N5100
Operating system	Windows 11 Home
RAM	4GB
ROM	64GB
Communication	Bluetooth 5.0 Wi-Fi GPS 4G LTE* NFC* (optional)
Display	10.1" 1280×800, 1000 nits brightness, 16:10
Touch screen	Capacitive (5-point)
Protection	IP65
SIM card	1 x Nano SIM



Emdoor I87J	
Graphics card	Intel HD Graphics Gen 11 LP
Permanent connections	USB 3.0 Type-A Power DC Jack

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

This drop-resistant tablet features a powerful and energy-efficient Intel Jasper Lake N5100 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.

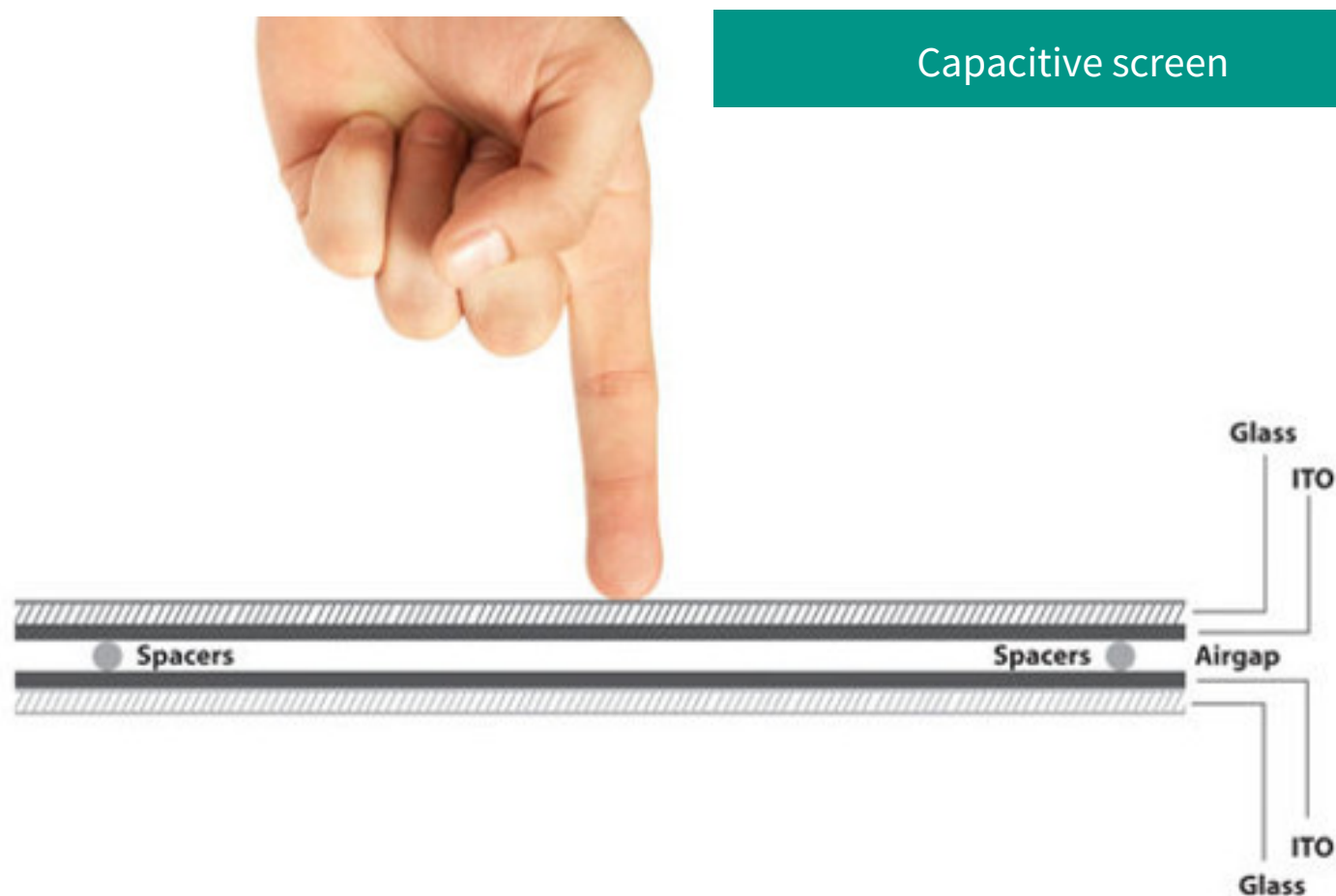
Ergonomic design



264.5mm

The Emdoor V10J 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	264.5mm x 184.1mm x 23mm
Net weight	834g

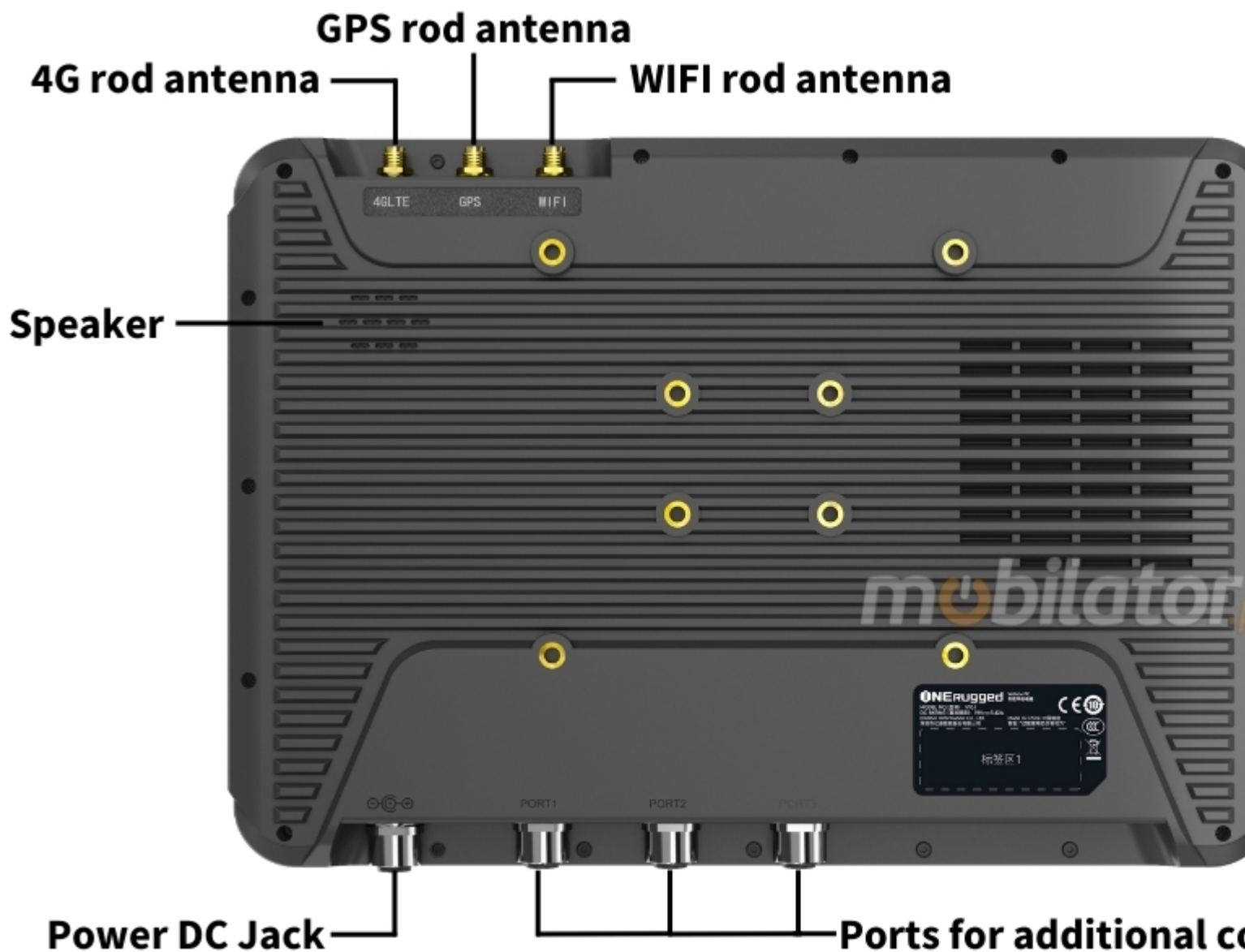


The capacitive screen of the EMDOOR V10J tablet doesn't respond to direct pressure on the surface, but rather detects changes in the electrostatic field at the point of touch. This solution allows for exceptionally precise and sensitive operation, even with a light touch. Additionally, the multitouch 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



The extremely durable Emdoor V10J is equipped with a set of physical buttons (volume, power and two programmable buttons).

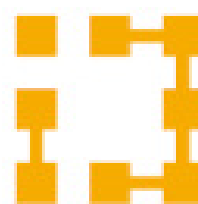


The splash-proof Emdoor V10J tablet offers built-in GPS, Wi-Fi, and 4G antennas* (only works with 4G). Additionally, this ergonomic tablet features a DC power jack and ports for additional connectors (RS232, USB, RS485, and RJ45), which are available for purchase as accessories.

DATA COLLECTING

NFC*(optional)

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 V10J wholesaler tablet is equipped with a 13.56 MHz NFC module. 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.

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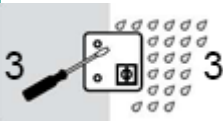
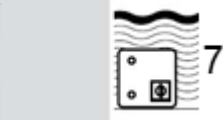
RESISTANCE

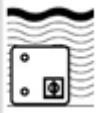
IP65



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 V10J military tablet is suitable for both indoor and outdoor use, regardless of weather conditions.

First digit		Protection level	Second digit
No special protection	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 protection against contact, protection from infiltration of dust		Protection against heavy seas, or powerful jets of water
		Protection against immersion

Firts digit	Protection level	Second digit
	 8	Protection against complete, continuous submersion in water

Fall to 1.22 m

The specially designed, reinforced structure of the Emdoor V10J logistics tablet ensures resistance to accidental drops from a height of up to 1.22 meters in operating mode – even onto hard surfaces.

Extreme temperatures

Designed for field work, the Emdoor V10J 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 to 70°C
Humidity	0% to 95%

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WIRELESS COMMUNICATION

GPS Navigation

The waterproof Emdoor V10J 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 5.0

The modern Bluetooth 5.0 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 V10J 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

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APPLICATION

Trade and Service

Thanks to its multifunctionality and ease of use, the Emdoor V10J 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.



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Industry and Construction

Designed for harsh working conditions, construction tablets like the Emdoor V10J are exceptionally resistant to unfavorable working conditions. The dust- and waterproof housing, certified by IP65 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 V10J diagnostic tablet is ideal for automotive service centers and workshops. Its rugged design, resistance to workshop conditions,

and support for 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.



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ACCESSORIES AND AVAILABLE VERSIONS

We offer a range of additional accessories for this innovative tablet to further enhance its functionality and comfort. Below is a list of available accessories. Click the accessory name or the "Check" link to be redirected to a page with a description and price of the accessory.

Wrist strap



The wrist strap for Emdoor I87J multifunction tablets increases safety and comfort of use when working mobile.

[Check](#)

Standard adaptor



A compatible wall charger enables quick and safe charging.

Check

Docking Station



The Emdoor I87J industrial tablet docking station allows you to quickly and safely charge and synchronize your device.

[Check](#)

Car Holder



The EMDOOR EM-VHM87J car holder allows you to safely mount the waterproof Emdoor I87J tablet in your vehicle and integrate it with external devices thanks to its functional ports.

[Check](#)

Additional battery



Additional battery 5000mAh.

Check

4-Battery Charging Station



A professional, 4-slot charging station dedicated to the Emdoor I87J tablet, model MDC87J. This indispensable solution for companies operating multi-shift systems allows for simultaneous charging of up to four batteries outside the device.

[Check](#)

Tempered glass for the screen



Designed for EMDOOR I87J tempered glass for the screen.

[Check](#)

The professional Emdoor V10J 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.0.0	v.0.0	v.0.0	v.0.0	v.0.0
Widnows 11 IOT	—	—	—	—	—	—
Widnows 11 PRO	—	—	—	—	—	—
4G	—	—	—	—	—	—
NFC	—	—	—	—	—	—
8+128GB	—	—	—	—	—	—
	v.0.0	v.0.0	v.0.0	v.0.0	v.0.0	v.0.0
Widnows 11 IOT	—	—	—	—	—	—
Widnows 11 PRO	—	—	—	—	—	—
4G	—	—	—	—	—	—
NFC	—	—	—	—	—	—
8+128GB	—	—	—	—	—	—



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