



EMDOOR Q19 v.1 - Rugged 10.1' Tablet with Windows 11 Pro ARM | 8GB RAM, 128GB, 4G LTE, GPS, WiFi, BT, IP65, 13MP Camera - Ideal for field work and industrial applications

Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	Windows 11 PRO
Display:	10.1
Brightness:	400 nits
Processor:	Qualcomm SC7180 2.1GHz
Memory:	8GB
Hard Drive:	128GB
Flash Memory:	---
Touch screen:	Capacitive 10 point touch
Durability:	IP65
Drop:	1 m
Shock:	---
Vibration:	---
Temperature:	Temp. Operating -10 TO 50Temp. Storage -20 TO 60
Humidity:	0%-95%
1D barcode scanner (reader):	---

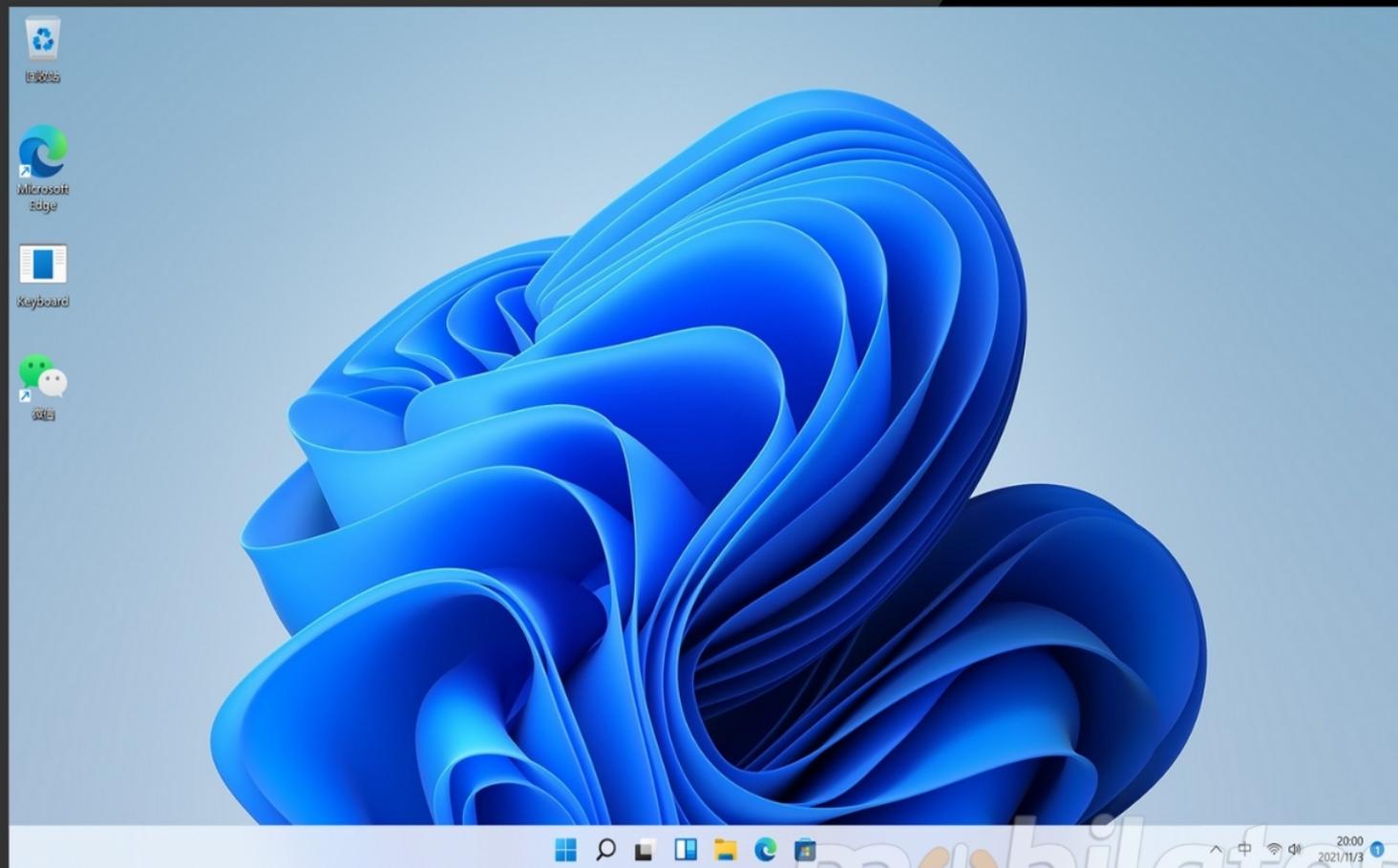
2D barcode scanner (reader):	Newland NLS-N1*(optional)
RFID scanner (reader):	---
Other:	-----
Battery:	4750mAh
Working time on battery:	About 11 hours (at 50% brightness and volume, 1080P video playback).
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	802.11 a/b/g/n/ac (2.4G/5G)
Bluetooth:	Bluetooth 5.1
WAN:	4G LTE FDD: B1/B2/B3/B5/B7/B8/B20/B28B(a+b) WCDMA: B1/B3/B5/B8 GSM: NA LTE-TDD: B38/B39/B40B41
GPS:	GPS Beidou GLONASS Galileo
Camera:	Rear: 13MpxFront: 5Mpx
In/Out:	USB Type-C x 1, SIM Card x 1, TF Card x 1, 12PIN Pogo Pin x 1
Optional accessories:	docking station, keyboard case
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:	Qualcomm Adreno 618
Chipset:	Qualcomm Snapdragon 7c
BIOS:	-----
Casing material:	ABS/PC
Flash Card Reader:	TF Card
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:	263 x 177 x 10.5mm
Fanless casing:	Yes
Weight:	700g

751,34 €

net price: 610,84 €

EMDOOR Q19



SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The specialized Emdoor Q19 is an advanced, industrial-grade mobile tool designed for reliable operation in exceptionally challenging environments. The device features a precisely designed, reinforced housing that meets the stringent IP65 sealing requirements, ensuring complete protection of its components against dust, water, and the effects of sudden shocks or falls onto hard surfaces.

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

SPECIFICATION

Emdoor Q19

Processor	Qualcomm SC7180
Operating system	Windows 11 PRO
RAM	8GB
ROM	128GB
Battery	4750mAh
Communication	4G LTE Bluetooth 5.1 Wi-Fi GPS
Display	10.1" 1920×1200, 400 nits brightness, 16:10
Touch screen	Capacitive (10-point)

Emdoor Q19

Camera	5 + 13 Mpx
Protection	IP65
SIM card	1x Nano SIM
TF Card	microSD/TF (max 128GB)
Graphics card	Qualcomm Adreno 618
Permanent connections	USB Type-C 12 Pogo Pin
2D scanner	Newland NLS-N1* (optional)



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

The robust Emdoor Q19 is based on the efficient and energy-efficient Qualcomm SC7180 processor, ensuring stable system operation in the most demanding work environments. Thanks to its modern processor architecture, the device easily handles advanced technical, service, and field applications while maintaining high operational fluidity. The combination of high processing power and low energy consumption directly translates into extended battery life, improving overall reliability during everyday use. This rugged tablet is the optimal solution for tasks in warehouses, production halls, and harsh field conditions.

Ergonomic design

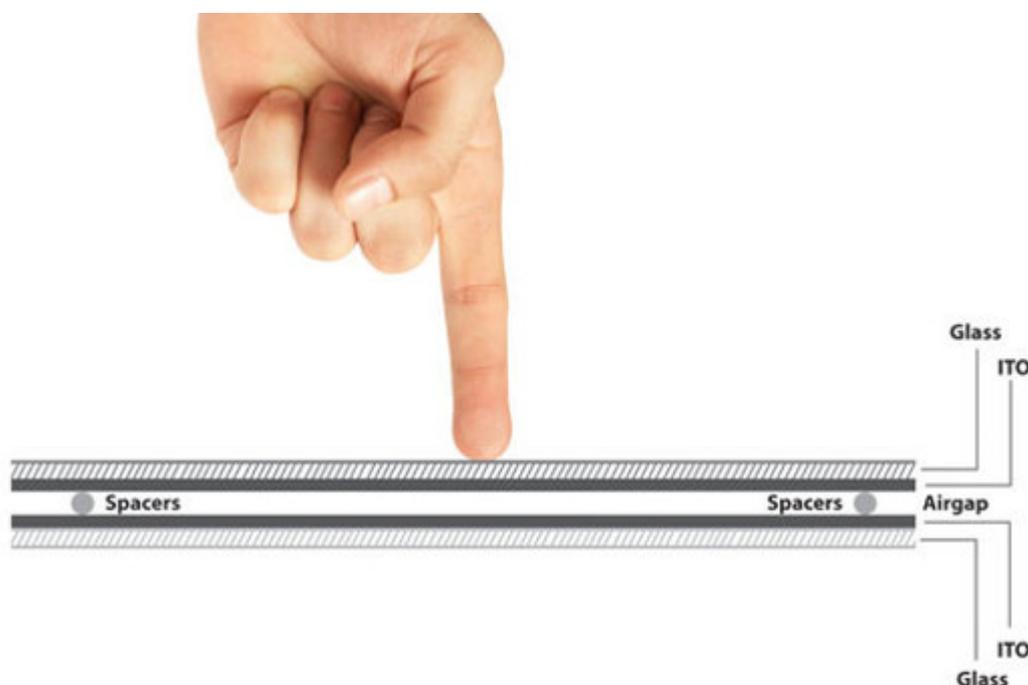


The reinforced Emdoor Q19 was developed with a focus on maximum durability and comfort for everyday use in harsh conditions. Its thin, yet durable design with a modern look allows for effective use in both industrial environments and field operations. Its compact dimensions have been carefully designed for high portability and complete ergonomics during mobile use. A non-slip coating ensures a secure grip, while specially reinforced corners significantly increase protection against impacts and falls, protecting the device from accidental damage.

Dimensions	263mm x 177mm x 10.5mm
Net weight	700g

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

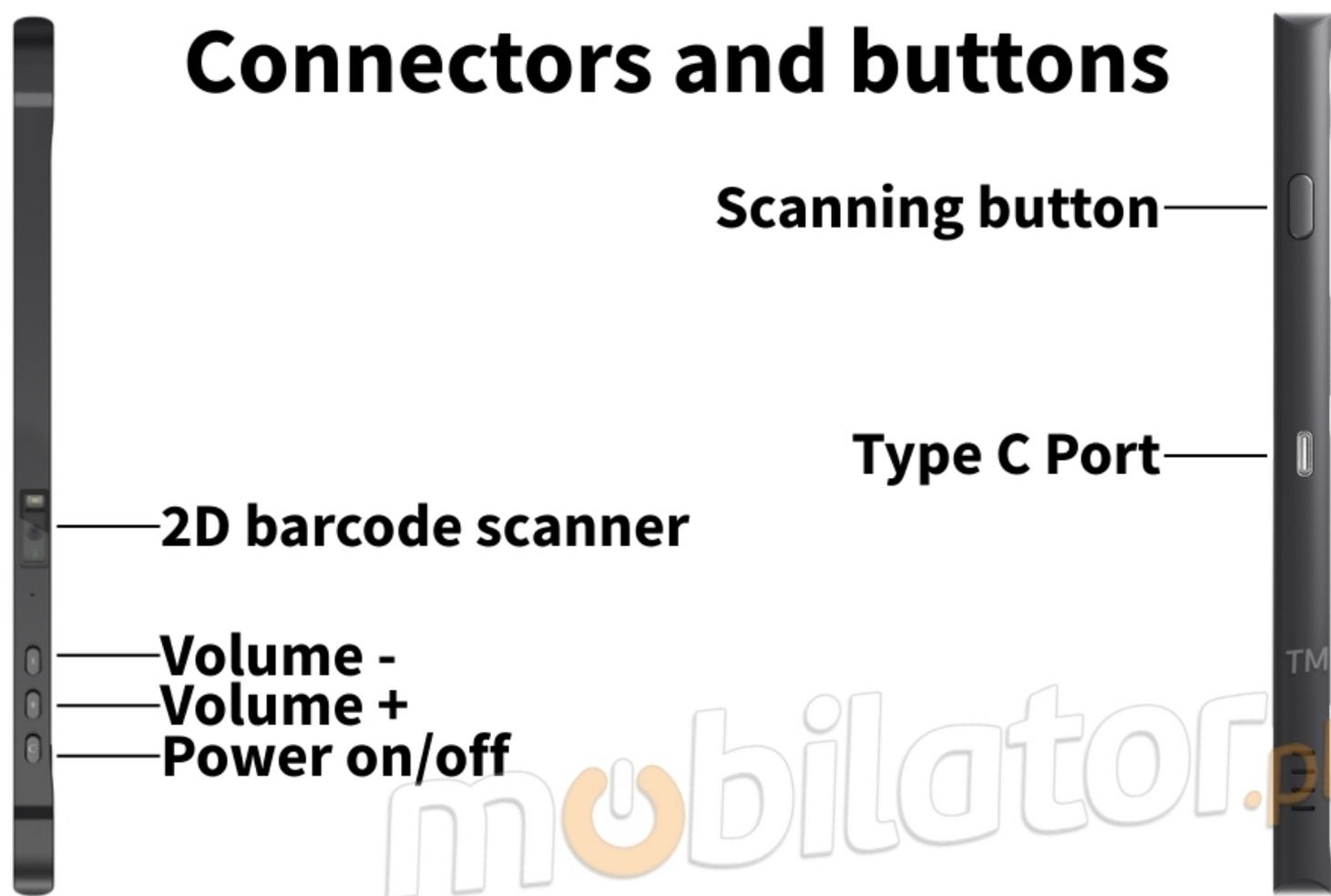
Capacitive screen



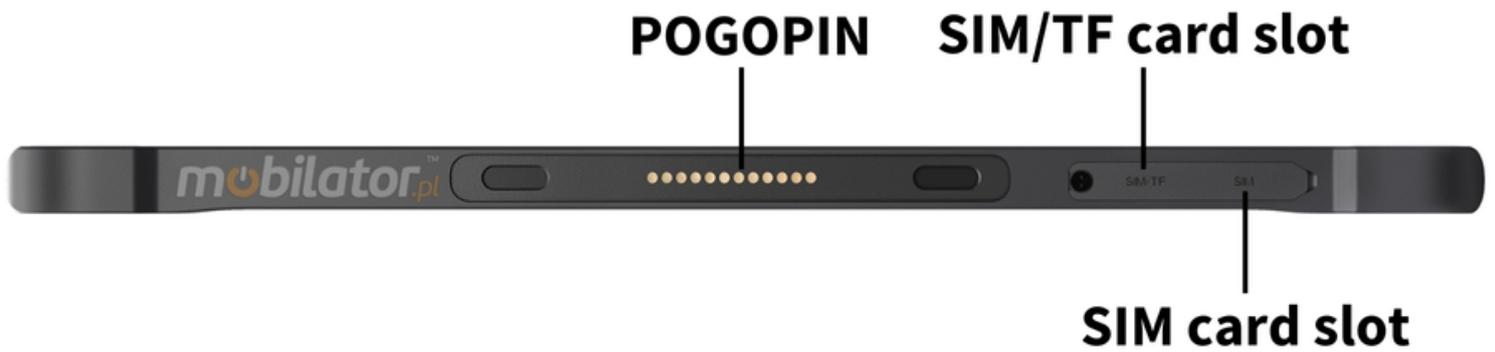
The display used in the innovative EMDOOR Q19 model relies on capacitive technology, which, instead of relying on pressure, precisely detects changes in the electrostatic field at the point of contact. This interaction method ensures exceptional sensitivity and smooth system response, even with the lightest touches on the screen surface. Implementation of the multitouch function allows for simultaneous recognition of multiple touch points, significantly improving

work comfort and enabling fully intuitive control of this durable device using multiple fingers simultaneously. Crucially, in an industrial environment, the touchscreen parameters have been optimized to enable smooth and efficient operation, even when wearing work gloves.

Connectors and buttons



The splash-resistant Emdoor Q19 tablet is equipped with a fast USB-C connector and a set of physical buttons.



The extremely durable Emdoor Q19 ensures complete mobility thanks to its SIM card slot and TF card slot, which allows for efficient expansion of available storage. The POGOPIN connector allows for instant connection of this rugged tablet to a docking station, significantly streamlining hardware integration processes in stationary environments.

DATA COLLECTING

Barcode scanner *(
optional)

The integrated barcode reader in the warehouse tablet enables efficient reading, decoding, and data transfer directly to the computer system. The wide scanning range and high operating dynamics guarantee precise information collection, which directly improves the speed and overall efficiency of logistics processes. The module's design and simplified installation procedure allow for rapid scanner readiness without the need for complex configuration. The variants equipped with this functionality utilize the professional Newland NLS-N1 module, which ensures reliable reading even in challenging lighting conditions.



2D

*

Newland NLS-N1

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

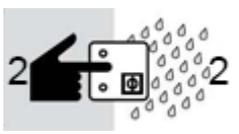
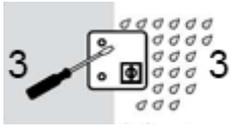
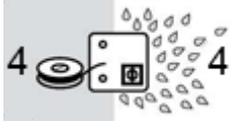
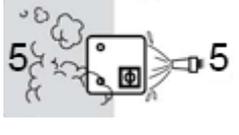
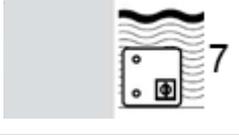
RESISTANCE

IP65



The IP65 certification, which this highly durable tablet for special tasks possesses, precisely defines the level of protection guaranteed by the casing against external factors. This class confirms complete protection against access to internal components, complete dust-tightness, and resistance to water jets directed at the device from any direction. The Emdoor Q19 model's compliance with this standard allows for trouble-free operation both inside industrial facilities and outdoors, regardless of the prevailing weather conditions or dust levels.

Firts digit	Protection level	Second digit
No special protection	<div style="display: flex; align-items: center; justify-content: center;"> 0  0 </div>	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 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 m

The precisely designed, reinforced housing of the Emdoor Q19 model guarantees full protection of internal systems against the effects of accidental falls from a height of up to 1 meter during active use, and this resistance also applies to collisions with a hard surface, which allows for safe use of the equipment in a

dynamic logistics and warehouse environment.

Extreme temperatures

Designed for field operations, the Emdoor Q19 tablet is fully adapted to continuous operation in extreme thermal conditions, offering impeccable operational stability across a wide temperature range of -10°C to 50°C. When the device is powered off, its reinforced design allows for safe storage in an even wider temperature range of -20°C to 60°C, making it ideal for work in variable outdoor environments. Furthermore, this specialized industrial tablet excels in rooms with high humidity, ensuring full component efficiency and system performance 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%

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

WIRELESS COMMUNICATION

GPS Navigation

The waterproof Emdoor Q19 tablet is equipped with a precise GPS module that effectively combines low power consumption with high positioning accuracy, allowing for stable and fast location determination in the field.

Bluetooth 5.1

The implementation of a modern Bluetooth 5.1 module in the Emdoor Q19 tablet enables highly energy-efficient short-range wireless communication with a wide range of peripheral accessories, such as mobile label printers, keyboards, RFID readers, code scanners and industrial headphones.

Wi-Fi network

The professional Emdoor Q19 tablet supports advanced, dual-band Wi-Fi wireless connectivity in the 802.11 a/b/g/n/ac standards, operating in the 2.4GHz and 5GHz frequencies, which guarantees instant access to the network infrastructure and internet resources both in the office space and in demanding field conditions.

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

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

APPLICATION

Trade and Service

Thanks to its multifunctionality and exceptionally easy operation, the Emdoor Q19 work tablet is an ideal work tool for sales representatives and field workers, enabling rapid data collection, customer verification, professional offer presentation, and efficient generation of sales documents using modern mobile applications. The device is also ideal for warehouse processes, enabling invoicing, order creation, and full real-time data synchronization with the ERP system. This, thanks to constant access to a GSM or Wi-Fi network, can be achieved from any location, significantly improving the company's operational efficiency.



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

Industry and Construction

Designed for harsh working conditions, construction tablets like the Emdoor Q19 are exceptionally resistant to adverse external factors. This, combined with a dust- and waterproof housing certified with IP65, allows for completely safe use of this robust device in areas with high humidity, significant dust, and directly on construction sites and industrial halls. With the use of appropriate mobile applications, this waterproof tablet can serve as an advanced tool for monitoring work progress, precisely collecting field data, and comprehensively managing

technical infrastructure and human resources, significantly optimizing decision-making processes in demanding operating environments.



Service and diagnostics

The powerful Emdoor Q19 diagnostic tablet is ideal for professional car repair shops and workshops, where its durable design, resistance to specific workshop conditions, and support for 4G LTE, Wi-Fi, and GPS connectivity make it the ideal tool for working in demanding technical environments. This rugged tablet effectively supports technicians in performing rapid vehicle diagnostics, analyzing data from on-board systems, and working with service documentation

on an ongoing basis. The ability to install specialized software allows for precise error reading, advanced configuration of vehicle systems, and instant access to diagrams and a complete repair history, significantly increasing the efficiency and accuracy of all service activities.



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

ACCESSORIES AND AVAILABLE VERSIONS

We offer a range of additional accessories for this innovative tablet that significantly enhance its functionality and everyday comfort. The list below presents the available expansion options. To access a detailed description and

learn the price of a specific item, simply click the name of the selected accessory or the "Check" link next to it, which will automatically redirect you to the dedicated product page.

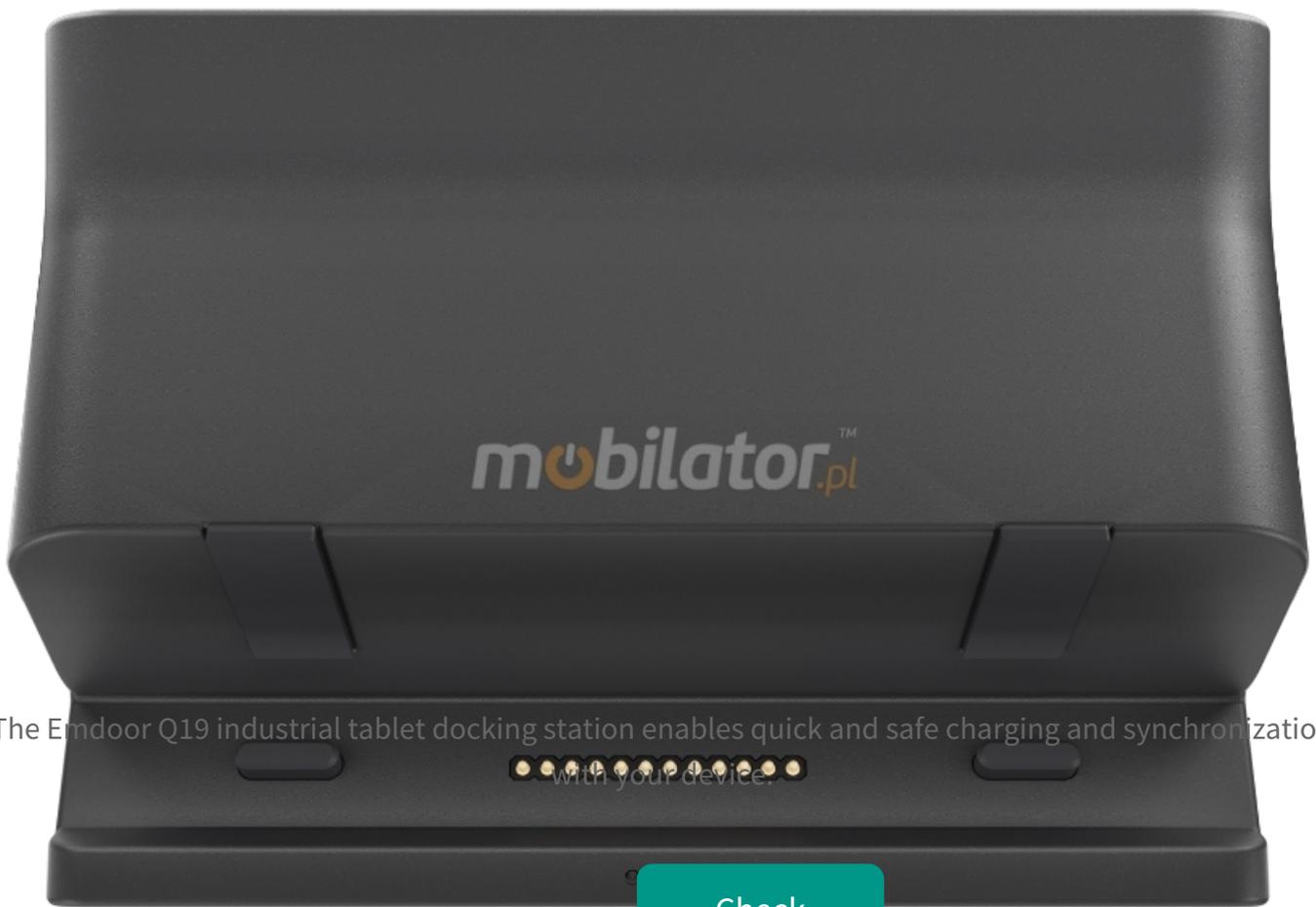
Leather case with keyboard



This elegant and durable case, made of high-quality leather, perfectly protects the durable Emdoor Q19 tablet from damage. The integrated keyboard with touchpad ensures comfortable use in all conditions.

[Check](#)

Docking Station



The Emdoor Q19 industrial tablet docking station enables quick and safe charging and synchronization with your device.

Check

The professional Emdoor Q19 tablet is available in several different hardware versions, precisely tailored to the varying operational requirements of users. Clicking on the selected configuration number will immediately redirect you to the product card containing the parameters detailed in the table below. Furthermore, in response to specific customer needs, it is possible to develop and deliver a custom configuration not currently included in the standard offering, allowing for full personalization of the device for unique industrial or field projects.

	v.1	v.2
2D	—	+



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