



MobiPAD V9s v.3 - small data collector for industry with NFC module, 3G and 4G support, UHF RFID, 3GB RAM, 32GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 11.0
Display:	5,5" IPS Multi-touch 1440x720
Brightness:	300 nits
Processor:	Cortex-A53 (8x2.0GHz)
Memory:	3 GB
Hard Drive:	-----
Flash Memory:	32GB ROM
Touch screen:	Yes
Durability:	IP67
Drop:	1,2m
Shock:	-----
Vibration:	Yes
Temperature:	Working: -20°C -- 50°C Storage: -40°C -- 70°C
Humidity:	5% -- 95%
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	No
RFID scanner (reader):	NFC 13,56MHz UHF RFID E710 - 865-868 MHz, EPC C1 GEN2 / ISO 18000-6C, range to 30 meters
Other:	-----
Battery:	9000mAh Li-Ion
Working time on battery:	12 hours
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	Wi-Fi 802.11 a/b/g/n/ac
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE
GPS:	Built-in
Camera:	Back: 13Mpx (Flash)
In/Out:	USB-C, 2x micro SIM, 1xMicro SD
Optional accessories:	Charging docks, batteries
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	1000:1
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	Plastic + Rubber
Flash Card Reader:	microSD
CD/DVD:	-----

Audio:	Built-in microphone and speaker
Keyboard:	3 scanning keys. volume key, power button, menu, return
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP67
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	170,2x78x23,3mm - 585g
Fanless casing:	Yes
Weight:	585g

2 449,24 zł

net price: 1 991,25 zł

MobiPAD V9s



SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPAD V9s is a modern, waterproof industrial smartphone designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP67, which confirms the protection of the device against dust and water.



SPECIFICATION

MobiPAD V9s	
Processor	Cortex-A53 (8x2.0GHz)
Operating system	Android 11.0
RAM	3GB
ROM	32GB
Display	5.5", 1440x720
Touch screen	Multi-touch (support glove mode)
Battery	9000mAh
Camera	13 MPx Back + Flash 8 MPx Front *
Protection	IP67 Drop from 1,2m

MobiPAD V9s	
Communication	4G Bluetooth Wi-Fi GPS
Connectors	USB 2.0 - C
Memory card	Micro SD
SIM card	2x Nano SIM
NFC	13,56MHz
RFID Reader	Yes - UHF RFID Reader E710 865-868 MHz EPC C1 GEN2 / ISO 18000-6C Max read range: 30 meters
2D Scanner	NO 2D Mindeo 660 *

* Optional equipment, available only in specific device version, or on request



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

Dustproof industrial smartphone
MobiPAD V9s
was equipped with high performance, energy-efficient Cortex-A53 processor. Inside, there are four cores that allow for more efficient processing of multiple tasks simultaneously. Shared caching, which uses a multi-level hierarchy, is dynamically allocated to each processor core according to the load. This reduces the average access time to main memory. Enhanced graphics card technology lets you enjoy video and movies. Low power consumption guarantees long battery life.

Ergonomic design



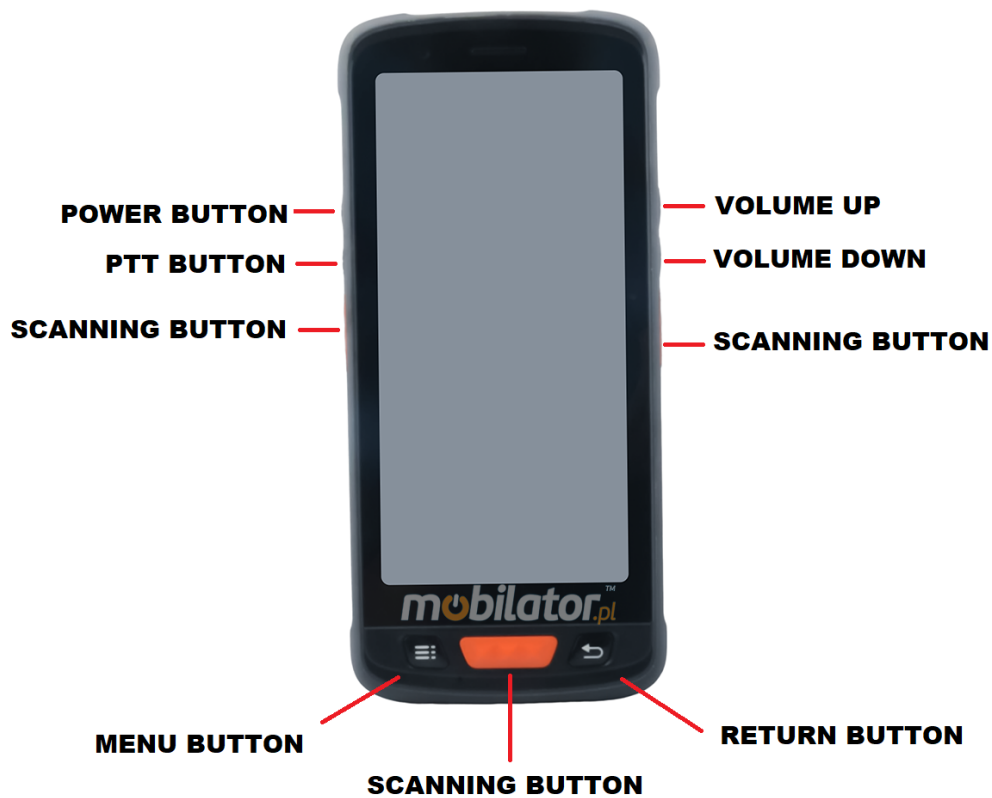
MobiPAD

V9s

industrial smartphone is designed for resistance and convenience. The sleek and rugged 23.3mm thick design and stylish case will make the smartphone very well suited for industrial use and more. The unique size has been carefully thought out to make the device more comfortable and ergonomic. The non-slip casing makes it safe and secure to hold it in your hand, and the rubber corners further protect your device against possible damage as a result of falls.

Dimensions	170,2mm x 78mm x 23,3mm
Weight	585g

Keypad



Scanning handle

MobiPAD V9s also has a scanning handle, so you can easily and comfortably operate it with one hand.



**SCANNING
BUTTON**

RESISTANCE



IP67

IP67 Protection

The IP standard defines the degree of protection provided by the enclosure of an electrical device against such factors as: access to dangerous parts inside the enclosure, penetration of foreign matter, splashing or immersion.

IP6X	No ingress of dust, complete protection against contact. A vacuum must be applied. Test duration of up to 8 hours based on air flow.
IPX7	Protected against the effects of temporary submersion in water - test requires 30 minutes at 1 meter depth

1.2m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.2 meters in operating mode, even on hard surfaces. In addition, the smartphone screen is protected by specially tempered glass Gorilla Glass.

Working temperature: -20°C~50°C

Storage temperature: -40°C~70°C



Extreme temperatures

MobiPAD V9s is suitable for continuous operation in both low and high temperatures in the range of -20 ° C to 50 ° C. When the device is off, it can handle temperatures ranging from -40 ° C to 70 ° C. In addition, the rugged

industrial smartphone performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

Working Temp.	-20°C to 50°C
Storage Temp.	-40°C to 70°C
Humidity	5% to 95%

WIRELESS COMMUNICATION



GPS Navigation

Waterproof smartphone MobiPAD V9s is equipped with a professional GPS module combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

Bluetooth 5.0

Bluetooth 5.0 enables short-range wireless communication between various electronic devices, such as a keyboard, computer, laptop, palmtop, mobile phone and many others. In the case of version 5.0, the range is up to 40 meters indoors and 200 meters outdoors. Communication and data transfer is twice as fast as the previous version 4.2.

Wi-Fi network

Dual-band Wi-Fi provides fast network access wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a work or residence router and a wireless network that can be used at no extra cost. The shock-resistant industrial smartphone, is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1 Gb/s.

Standards	802.11(a/b/g/n/ac)
Frequencies	2.4GHz and 5GHz

RFID

RFID is a technology used to identify objects and control the flow of products. Information from special tags attached to objects (but not only that, because RFID is also used to mark animals and even people) is read via radio. Depending on the type of tag, the amount of information it can store and the maximum distance from which data can be read change. RFID tags are an alternative to barcodes - more convenient and efficient. MobiPAD V9s is equipped with the UHF RFID E710 module.

Frequency	865-868 MHz
Protocol	EPC C1 GEN2 / ISO 18000-6C

Max read range to 30 meters

NFC

Near Field Communication - a short-range, high-frequency, radio communication standard that allows for wireless data exchange at a distance of up to several centimeters. The technology is a simple extension of ISO 14443 that combines the smart card interface and reader in one device. NFC devices can communicate with both existing devices in the ISO 14443 standard, as well as with other NFC devices, and thus are compatible with the existing and already in use public transport and payment infrastructure. Optional NFC present in the device supports ISO 14443A/B, ISO 15693, NFC-IP1, NFC-IP2. Working distance is 2-5 cm.

FUNCTIONALITY



Barcode Scanner

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code. With dynamic scanning capabilities
MobiPAD V9s quickly and accurately retrieves the data, which helps to increase the rate and

efficiency. You can jump-start a whole because with simplified installation procedure and intuitive, comfortable design to prepare the scanner to work is very easy.

2D Mindeo 660

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* Optional equipment, available only in specific device version, or on request

APPLICATION

Trade and Services

Thanks to their size and light weight, smartphone data collectors are a useful tool for sales representatives. Today's applications running under the collector system enable even entering the data collector's contractor database, which allows us to later search for it quickly by name or NIP number. We can do the same with our commodity base, which can work in parallel with the database of contractors. Additional use of collectors in the trade, such as sending orders or invoices directly to the company through the GSM network or Wi-Fi.



Industry and Construction

Industrial smartphones and data collectors are characterized by high resistance to adverse working conditions. Tightness, dust and water resistance of enclosures, certified by IP (dust and water resistance standards), can withstand even the harshest conditions in industrial infrastructure or on the construction site. With appropriate applications, collectors can be used for control and control of various industrial processes, as well as for data collection and analysis.



Warehouse

An industrial data sheet is the ideal solution for quick stocktaking. In addition, depending on the software used, it streamlines the process of entering and

delivering goods into the warehouse, enables price control and dispensing, helps to collect and order orders, and identifies customers and servicing the rental. The advantages of using data collectors are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.



AVAILABLE VERSIONS AND ACCESSORIES

The industry-leading
 MobiPAD V9s
 smartphone is available in several versions to suit different needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters given in the table below. In addition, on request, you can create a configuration not currently available in the offer.

	v.1	v.2	v.3	v.4	v.5	v.6
NFC	—	—	+	+	—	—
2D scanner Mindeo 660	—	+	—	+	—	+
8MPx Front camera	—	—	—	—	+	+
4GB RAM/64GB ROM	—	—	—	—	—	—
	v.7	v.8	v.9	v.10	v.11	v.12

NFC	+	+	—	+	+	+
2D scanner Mindeo 660	—	+	+	+	—	+
8MPx Front camera	+	+	—	—	+	+
4GB RAM/64GB ROM	—	—	+	+	+	+



More pictures available in the "Gallery" tab.