Bluetooth™   4G

WiFi

NFC

Android

GPS

IP68

MobiPAD MS5 v.2 - multi-tasking data terminal with Newland N1 2D scanner, NFC module, 8-core processor, 4GB RAM, 64GB ROM, IP68 standard

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 11
Display:	5.7" | LCD | Multitouch | 1440x720 HD | 350 nits
Brightness:	350 nits
Processor:	MTK6762 (8x 2.0 GHz)
Memory:	**4 GB**
Hard Drive:	-----
Flash Memory:	**64GB ROM**
Touch screen:	Yes
Durability:	IP68
Drop:	1,5m
Shock:	-----
Vibration:	-----
Temperature:	Working: -15°C -- 55°CStorage: -30°C -- 60°C
Humidity:	0-100%
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	**2D Newland N1 scanner**
RFID scanner (reader):	**NFC 13.56MHz (ISO/IEC 14443A/B, ISO/IEC 15693, Felica, Mifare)**
Other:	-----
Battery:	4000mAh Li-Ion
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	802.11 a/b/g/n/ac
Bluetooth:	Bluetooth 4.0 (BLE) up to10m
WAN:	4G LTE: FDD-LTE B1/B3/B5/B7 , TD-LTE B38/B39/B40/B413G: CDMA 1X/EVDO BC0 GSM 850/900/1800/1900 , WCDMA B1/B2/B5/B8 , TD-SCDMA B34/B39
GPS:	Built-in
Camera:	Back: 13Mpx (Flash), Front: 5Mpx
In/Out:	1x USB-C, 2x SIM or 1x SIM + 1x Micro SD
Optional accessories:	Charging dock
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	1500:1
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	Plastic + Rubber
Flash Card Reader:	microSD
CD/DVD:	-----

Audio:	Built-in mic and speaker
Keyboard:	Onscreen + 6 keys on sides
Additional Navigation Devices :	-----
Color:	Black and Orange/Black and grey
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP68
Waterproof:	IPX8
Sand and dust:	IP6X
Size:	Without scanner: 150mm x 73.4mm x 11.5mm With scanner: 150mm x 73.4mm x 17.2mm
Fanless casing:	Yes
Weight:	250g

294,99 €
net price: 239,83 €

MobiPAD MS5

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPAD MS5 is a modern, waterproof industrial smartphone designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP68, which confirms the protection of the device

against dust and water.

MobiPAD MS5	
Processor	MTK6762 (8x2.0GHz)
Operating system	Android 11
RAM	4GB
ROM	64GB
Display	5.7", 1440 x 720 HD
Touch screen	10 point multitouch
Battery	4000mAh
Camera	5Mpx Front | 13Mpx Back + Flash
Protection	IP68 | Fall from 1,5m
Communication	4G | Bluetooth | GSM | Wi-Fi (802.11a/b/g/n/ac) | GPS

MobiPAD MS5

Connectors	USB-C (OTG)
Memory card	Micro SD (TF)
SIM card	SIM
RFID Reader	NFC 13,56MHz
1D / 2D Scanner	**Newland N1**

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

Dustproof industrial smartphone MobiPAD MS5 was equipped with high performance, energy-efficient MTK6762 processor. Inside, there are eight 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 HD video and movies. Low power consumption guarantees long battery life.

Ergonomic design

MobiPAD MS5 industrial smartphone is designed for resistance and convenience. The sleek and rugged 9.8mm 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	Without scanner: 150mm x 73.4mm x 11.5mm With scanner: 150mm x 73.4mm x 17.2mm
Weight	250g

Ergonomic keys

function key

SOS

scanner key

Camera

Power

Volume +

Volume -

pogopin 4pin 2*+, 2*-

Type-C

RESISTANCE

IP68

IP68 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 ho
IPX8	Full waterproof

1.5m drop resistance

Specially designed construction gives the machine a chance of accidental falls from up to 1.5 meters in operating mode, even on hard surfaces. In addition, the smartphone screen is protected by specially tempered glass Gorilla Glass.

Working temperature: -15°C ~ 55°C
Storage temperature: -30°C ~ 60°C

Extreme temperatures

MobiPAD MS5 is suitable for continuous operation in both low and high

temperatures in the range of -15 ° C to 55 ° C. When the device is off, it can handle temperatures ranging from -30 ° C to 60 ° C. In addition, the rugged industrial smartphone performs well in rooms with increased humidity, ensuring proper operation with no limited humidity.

Working Temp.	-15°C do 55°C
Storage Temp.	-30°C do 60°C
Humidity	0-100%

WIRELESS COMMUNICATION

GPS Navigation

Waterproof smartphone MobiPAD MS5 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 4.0

Bluetooth enables wireless short-range communication between various electronic devices, such as the keyboard, computer, laptop, palmtop, mobile phone and many others. In the fourth version of this standard, energy consumption was reduced considerably, at the expense of lower transfer costs, and real operating coverage increased.

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

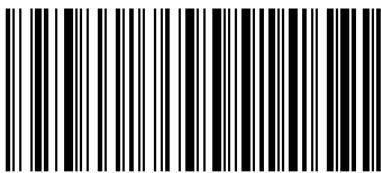## FUNCTIONALITY

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 MS5 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.

1D / 2D
Newland N1

2D SCANNER
NEWLAND N1

Mobilator.pl

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. NFC present in the device supports ISO/IEC 14443A, ISO/IEC 14443B, ISO/IEC 15693, Mifare, FeliCa protocols.

APPLICATION

Trade and Services

Thanks to their size and light weight, tablet and 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) and often MIL-STD military standard, 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.

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 MS5 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.

	v.1	v.2	v.3	v.4
2D scanner Newland N1	—		—	
6GB RAM/128 GB ROM	—	—		

ℹ️ More pictures available in the "Gallery " tab.