



MobiPAD 88W v.1 - industrial data terminal with NFC module, 2D code scanner, 8-core processor, 4GB RAM and 64GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 11.0
Display:	6.3" Multi-touch with glove mode support 1520x720
Brightness:	300 nits
Processor:	MT6765 (8x2.3GHz)
Memory:	4 GB
Hard Drive:	-----
Flash Memory:	64GB ROM
Touch screen:	Yes
Durability:	IP68
Drop:	1,5m
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):	Yes - Zebra SE4710
RFID scanner (reader):	NXP 557 chip, supporting NFC 13,56MHz
Other:	-----
Battery:	5000mAh Li-Po
Working time on battery:	8-10 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: 24Mpx (Flash), Front: 5Mpx
In/Out:	USB Type-C, 1x nano SIM, 1xMicro SD
Optional accessories:	Charging docks, wrist belt, extra 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:	Scan key + 2 volume keys + Power button
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP68
Waterproof:	IPX8
Sand and dust:	IP6X
Size:	185x84x16mm - 320g
Fanless casing:	Yes
Weight:	320g

1 297,04 zł

net price: 1 054,50 zł

MobiPAD 88W



SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPAD 88W 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.



SPECIFICATION

MobiPAD 88W	
Processor	MT6765 (8x2.3GHz)
Operating system	Android 11.0
RAM	4GB
ROM	64GB
Display	6.3", 1520x720
Touch screen	Multi-touch (support glove mode)
Battery	5000mAh
Camera	24 MPx Back + Flash, 5 Mpx Front
Protection	IP68 Drop from 1,5m

MobiPAD 88W

Communication	4G Bluetooth Wi-Fi GPS
Connectors	USB Typ-C
Memory card	Micro SD
SIM card	Nano SIM
NFC	NFC/RFID NXP 557 chip 13,56MHz
RFID Reader	NFC/RFID NXP 557 chip 13,56MHz
2D Scanner	Zebra SE4710



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

Dustproof industrial smartphone
MobiPAD 88W
was equipped with high performance, energy-efficient MT6765 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 video and movies. Low power consumption guarantees long battery life.

Ergonomic design



MobiPAD

88W

industrial smartphone is designed for resistance and convenience. The sleek and rugged 18mm 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	185mm x 84mm x 16mm
Weight	320g

Keypad



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.
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IPX8	Full waterproof
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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.

Working temperature: -20°C~50°C

Storage temperature: -40°C~70°C



Extreme temperatures

MobiPAD 88W 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



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GPS Navigation

Waterproof smartphone MobiPAD 88W

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 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

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 is NFC/RFID NXP 557.

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 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 barcode scanner Zebra SE4710



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 88W
smartphone is available in one version.



More pictures available in the "Gallery" tab.