WiFi Bluetooth™ 4G IP67

GPS NFC

MobiPAD 7R v.1 - durable data terminal with Zebra SE4710 2D scanner, 4GB RAM and 64GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 12.0
Display:	5" | IPS | Multi-touch | 1280*720
Brightness:	300 nits
Processor:	Contex-A53 (8x2.0GHz)
Memory:	**4 GB**
Hard Drive:	-----
Flash Memory:	**64GB ROM**
Touch screen:	Yes
Durability:	IP67
Drop:	1,2m
Shock:	-----
Vibration:	Yes
Temperature:	Working: -20°C -- 50°CStorage: -30°C -- 60°C
Humidity:	5% -- 95%
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	**Yes - Zebra SE4710**
RFID scanner (reader):	**NFC 13,56MHz (ISO/IEC 14443A, ISO/IEC 15693, Mifare)**
Other:	-----
Battery:	4000mAh Li-Po
Working time on battery:	8-10 hours
Fast battery replacement ability:	No
HotSwap battery:	Yes
LAN:	No
WLAN:	Wi-Fi 802.11 a/b/g/n
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE
GPS:	Built-in
Camera:	Back: 8Mpx (Flash)
In/Out:	USB Type-C, 2xMicro SIM, 1xMicro SD
Optional accessories:	Charging docks, scanning handle, extra battery, silicone case, protective glass
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:	2 scan keys + 2 volume keys + 3 keys F1,F2,Home
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP67
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	165x76x16mm - 265g
Fanless casing:	Yes
Weight:	265g

403,46 €
net price: 328,01 €

MobiPAD 7R

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPAD 7R 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 7R	
Processor	Contex-A53 (8x2.0GHz)
Operating system	Android 12.0
RAM	4GB
ROM	64GB
Display	5", 1280x720
Touch screen	Capacitive
Battery	4000mAh
Camera	8 MPx back + Flash
Protection	IP67
Communication	4G	Bluetooth	Wi-Fi	GPS	NFC
Connectors	USB Type-C

MobiPAD 7R

Memory card	Micro SD
SIM card	2x Micro SIM
NFC	YES - 13,56MHz
RFID Reader	NO
2D Scanner	Zebra SE4710

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

Dustproof industrial smartphone MobiPAD 7R was equipped with high performance, energy-efficient Contex-A53 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   7R

 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	159mm x 71mm x 18mm
Weight	280g

Keypad

1.	Scanning button
2.	Volume +/-
3.	F1 Key
4.	F2 Key
5.	"Home" Key
6.	Fingerprint recognition
7.	Scanning button
8.	Power button

RESISTANCE

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 temporart 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: -20~50°C

Storage temperature: -30~60°C

Extreme temperatures

MobiPAD 7R 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 -30 ° C to 60 ° 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.	-30°C to 60°C
Humidity	5% to 95%

WIRELESS COMMUNICATION

GPS Navigation

Waterproof smartphone MobiPAD 7R 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+EDR

In this standard, the speed has been lowered, but it has been possible to reduce energy consumption and increase the distance over which data transfer works to 100 meters.

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 802.11a/b/g/n technology, which allows file transfer speeds up to 600 Mb/s.

Standards	802.11(a/b/g/n)
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 supports ISO/IEC 14443A, ISO/IEC 15693, Mifare protocols. 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

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.

Zebra SE4710 2D barcode scanner

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.

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   7R
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
4GB RAM/64 GB ROM	—	+
6GB RAM/128 GB ROM	+	—