



MobiPAD 7F v.2 - small industrial data terminal with NFC, 2D code scanner, 8-core processor, Wifi + Bluetooth

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 9.0
Display:	4" TN Multi-touch 800x480
Brightness:	300 nits
Processor:	MT6762 (8x2.0GHz)
Memory:	2 GB
Hard Drive:	-----
Flash Memory:	16GB ROM
Touch screen:	Yes
Durability:	IP65
Drop:	1,5m
Shock:	-----
Vibration:	Yes
Temperature:	Working: -20°C -- 55°C Storage: -40°C -- 60°C
Humidity:	5% -- 95%
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	Yes - 2D scanner 6100
RFID scanner (reader):	NFC 13,56MHz
Other:	-----
Battery:	5000mAh 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/ac/k/v/r
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE
GPS:	Built-in
Camera:	Back: 5Mpx (Flash)
In/Out:	USB Type-C, 1x SIM, 1xMicro SD
Optional accessories:	Charging docks
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	Yes
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 + 1 user-defined key
Additional Navigation Devices :	-----
Color:	Black
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	IP65
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	159x71x18mm - 280g
Fanless casing:	Yes
Weight:	280g

366,78 €

net price: 298,19 €

MobiPAD 7F



SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPAD 7F 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 7F	
Processor	MT6762 (8x2.0GHz)
Operating system	Android 9.0
RAM	2GB
ROM	16GB
Display	4", 800x480
Touch screen	Multi-touch
Battery	5000mAh
Camera	5 MPx back + Flash
Protection	IP67 Drop from 1,5m.

MobiPAD 7F	
Communication	4G Bluetooth Wi-Fi GPS
Connectors	USB Type-C
Memory card	Micro SD
SIM card	SIM
NFC	YES - 13.56MHz
RFID Reader	NONE
2D Scanner	2D scanner 6100



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

Dustproof industrial smartphone
 MobiPAD 7F
 was equipped with high performance, energy-efficient MT6762 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 WVGA video and movies. Low power consumption guarantees long battery life.

Ergonomic design



MobiPAD

7F

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



The MobiPAD 7F collector has 22 buttons on the keyboard, as well as 3 buttons on the sides of the device (including the power button).



22 KEYS

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 temporary submersion in water - test requires 30 minutes at 1 meter depth

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: -20~55°C

Storage temperature: -40~60°C



Extreme temperatures

MobiPAD 7F is suitable for continuous operation in both low and high temperatures in the range of -20 ° C to 55 ° C. When the device is off, it can handle temperatures ranging from -40 ° 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 55°C
Storage Temp.	-40°C to 60°C

Humidity

0% to 95%

WIRELESS COMMUNICATION



GPS Navigation

Waterproof smartphone MobiPAD 7F 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 supports ISO 14443A / B 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 MobiPAD 7F 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 scanner 6100



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 7F MobiPAD 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
NFC	—	+



More pictures available in the "Gallery" tab.