



## MobiPAD W30A



MobiPad W30A v.1 - Waterproof data collector with 2GB RAM, 16GB ROM and WiFi, BT

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Android 9.0
<b>Display:</b>	3.5inches IPS screen, LED backlight, 480*800
<b>Brightness:</b>	430 nits
<b>Processor:</b>	Qualcomm SDM450 Octa-cores, 1.8GHz
<b>Memory:</b>	2GB
<b>Hard Drive:</b>	-----
<b>Flash Memory:</b>	16GB eMMC
<b>Touch screen:</b>	Yes

<b>Durability:</b>	IP67
<b>Drop:</b>	1.8 meters
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating temperature: -20°C -- 50°CStorage temperature: -40°C -- 60°C
<b>Humidity:</b>	0 - 95%
<b>1D barcode scanner (reader):</b>	Option
<b>2D barcode scanner (reader):</b>	<b>CM60 2D</b>
<b>RFID scanner (reader):</b>	brak
<b>Other:</b>	-----
<b>Battery:</b>	4800mAh rechargeable lithium battery
<b>Working time on battery:</b>	8 hours
<b>Fast battery replacement ability:</b>	No
<b>HotSwap battery:</b>	No
<b>LAN:</b>	No
<b>WLAN:</b>	802.11 a/b/g/n
<b>Bluetooth:</b>	Bluetooth v4.2
<b>WAN:</b>	Support 4G-LTE   3G   2G
<b>GPS:</b>	Built-in
<b>Camera:</b>	Rear: 8Mpx+flash
<b>In/Out:</b>	1 x Micro SD (max.64GB), 1xNano SIM, 1xTF
<b>Optional accessories:</b>	-----
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	No
<b>COM port:</b>	Nie
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	-----

<b>Graphics card:</b>	ARM MaliT720-MP3 450MHz
<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	High quality plastic and rubber
<b>Flash Card Reader:</b>	microSD (max. 64GB)
<b>CD/DVD:</b>	-----
<b>Audio:</b>	Built-in Speaker : Microphone
<b>Keyboard:</b>	On-screen+function keys
<b>Additional Navigation Devices :</b>	No
<b>Color:</b>	Black
<b>Swivel Hinge:</b>	No
<b>VGA out:</b>	No
<b>TV Out:</b>	No
<b>TV Tuner:</b>	No
<b>Security:</b>	IP67
<b>Waterproof:</b>	IPX7
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	196 x 68 x 37mm
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	350g

**Product from the Archive - production finished**



## MobiPAD W30A



**IP67**



**SPECIFICATION**

**RESISTANCE**

**DATA COLLECTING**

**WIRELESS COMMUNICATION**

**APPLICATION**

**ACCESSORIES AND AVAILABLE VERSIONS**

MobiPad W30A is a modern, waterproof industrial data collector designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP67.

**SPECIFICATION**

**MobiPad W30A**

Processor	Qualcomm SDM450 Octa-cores, 1.8GHz
Operating system	Android 9.0
RAM	2GB
ROM	16GB
Display	3.5 inches IPS screen, LED backlight, 480*800
Touch screen	Capacitive
Battery	4800 mAh
Camera	8MP+flash
Protection	IP67
Communication	4G   Bluetooth 4.0   Wi-Fi   GPS
Connectors	USB 2.0 (OTG)
Memory card	Micro SD (max. 64GB)
SIM card	1xNano SIM
2D Scanner	2D Array Imager Barcode Reader (CM60)



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

Dustproof industrial data collector was equipped with high performance, energy-efficient Qualcomm SDM450 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.

Ergonomic design



Industrial Data Terminal MobiPad is designed for resistance and convenience. The sleek and rugged 37mm thick design and stylish case will make the collector 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.

<b>Dimensions</b>	196 mm x 68 mm x 37 mm
<b>Net weight</b>	250g

### Connectors and Buttons



Capacitive screen



With the capacitive screen, the reaction of the device is not to directly press the screen, but to change the electrostatic field at the point where the device is touched. This allows for much more precise handling and gentle brushes on

the screen. In addition, we can use multitouch technology, the ability to control our collector with a few fingers at once.

## RESISTANCE

### ADVANCED PROTECTION STANDARD

IP67 waterproof and dustproof rating, 1.8M drop protection standard



IP 67



1.8m



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.

<b>IP6X</b>	No ingress of dust, complete protection against contact. A vacuum must be applied. Test duration of up to 8 hours based on air flow.
<b>IPX7</b>	Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions.



**1.8m drop resistance**

Specially designed construction gives the machine a chance of accidental falls from up to 1.8 meters in operating mode, even on hard surfaces. In addition, the collector screen is protected by specially tempered glass Gorilla Glass.

**Extreme temperatures**

MobiPad W30A  
 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 -20°C to 60°C. In addition, the rugged industrial collector performs well in rooms with increased humidity, ensuring proper operation even with 95% relative humidity.

<b>Working Temp.</b>	-20°C do 55°C
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<b>Storage Temp.</b>	-20°C do 60°C
<b>Humidity</b>	0 ~ 95%

## DATA COLLECTING

### Barcode scanner



Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable to carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.

<b>2D Scanner</b>	2D Array Imager Barcode Reader (CM60)
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## WIRELESS COMMUNICATION

### 4G Module

4G technology is based on a radio network with fast transmission and the rare occurrence of downtime or transfer errors. The main distinguishing feature of the 4G from its predecessor (3G) is the speed of transfer between devices. The fourth generation network offers 100 Mb / s of mobile internet speed and 25 Mb / s of packet transfer. Technology enables users, including: extremely fast radio networks, Internet access, personalized telephony, and access to modern media and games services.

### GPS Navigation

Mobile terminal  
MobiPad W30A  
is equipped with a professional A-GPS module with combining low power consumption with high accuracy. Navigation is fast and smooth, allowing you to easily and easily reach any destination.

### Bluetooth v4.2

Bluetooth v4.2 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 collector is equipped with the latest 802.11n technology, which allows file transfer speeds up to 300 Mb/s.

<b>Standards</b>	802.11(a/b/g/n)
<b>Frequencies</b>	2.4GHz + 5GHz Dual-Frequency



## 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 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).

## 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.



## ACCESSORIES AND AVAILABLE VERSIONS

The industry-leading MobiPad W30A data collector 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
2GB RAM	+	+
16GB ROM	+	+
NFC	—	+
Scanner 2D CM60	—	+



More photos in full resolution available in the "Gallery".