



MobiPAD HS6 v.2 - multifunctional data terminal with Newland N1 2D code scanner, NFC module, Wifi and Bluetooth, 4G, 8GB RAM and 256GB ROM

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Windows 11
<b>Display:</b>	6.5" (1600 x 720)
<b>Brightness:</b>	410 nits
<b>Processor:</b>	Intel Celeron N100 (4x3.4GHz)
<b>Memory:</b>	<b>8GB RAM</b>
<b>Hard Drive:</b>	-----
<b>Flash Memory:</b>	<b>256GB ROM</b>
<b>Touch screen:</b>	Capacitive
<b>Durability:</b>	IP67
<b>Drop:</b>	1.2m
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating temperature: -20°C -- 60°C Storage temperature: -25°C -- 80°C
<b>Humidity:</b>	0% -- 100%
<b>1D barcode scanner (reader):</b>	-----
<b>2D barcode scanner (reader):</b>	<b>Yes - Newland NLS-N1</b>

<b>RFID scanner (reader):</b>	No
<b>Other:</b>	-----
<b>Battery:</b>	5000mAh / 7.6V Lithium
<b>Working time on battery:</b>	8-10 hours
<b>Fast battery replacement ability:</b>	No
<b>HotSwap battery:</b>	No
<b>LAN:</b>	-----
<b>WLAN:</b>	802.11(a/b/g/n/c) Dual band
<b>Bluetooth:</b>	Bluetooth 5.0
<b>WAN:</b>	4G Fre: LTE FDD:B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM:B3, B8
<b>GPS:</b>	Yes
<b>Camera:</b>	Rear: 13Mpx, FlashFront: 5Mpx
<b>In/Out:</b>	USB 3.0   USB-C   Pogopin
<b>Optional accessories:</b>	Docking station, fast charger, car charger
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	No
<b>COM port:</b>	RS232 (pogopin)
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	20:9
<b>Graphics card:</b>	-----
<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	ABS/PC/rubber TPU/aluminum
<b>Flash Card Reader:</b>	micro SD
<b>CD/DVD:</b>	-----
<b>Audio:</b>	Built-in microphone and speaker
<b>Keyboard:</b>	Onscreen

<b>Additional Navigation Devices :</b>	-----
<b>Color:</b>	-----
<b>Swivel Hinge:</b>	-----
<b>VGA out:</b>	No
<b>TV Out:</b>	-----
<b>TV Tuner:</b>	No
<b>Security:</b>	IP67
<b>Waterproof:</b>	IPX7
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	180mm x 85mm x 22mm - 500g
<b>Fanless casing:</b>	Yes
<b>Weight:</b>	500g

**3 500,89 zł**

net price: 2 846,25 zł



## *MobiPAD HS6*

*Modern and efficient data collector,  
designed to work in extreme conditions*



## SPECIFICATION

## RESISTANCE

## WIRELESS COMMUNICATION

## FUNCTIONALITY

## APPLICATION

## AVAILABLE VERSIONS AND ACCESSORIES

MobiPad HS6 is a modern, waterproof industrial tablet 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 HS6	
Processor	Intel Celeron N100 (4x3.4GHz)
Operating system	Windows 11
RAM	8GB
Hard drive	256GB
Display	6.5", 1600 x 720, 410 nits
Touch screen	Capacitive, 10 point touch
Battery	5000mAh / 7.6V
Camera	Front: 5Mpx   Rear: 13Mpx + Flash
Protection	IP67   1.2m. drops

## MobiPAD HS6

Communication	4G LTE   Bluetooth 5.0   GSM   Wi-Fi   GPS
Connectors	USB 3.0   USB-C   Pogopin
Sensor	Light sensor   Acceleration/gravity
Memory card	Micro SD
SIM card	SIM
RFID Reader	NO
NFC	13,56MHz
2D Scanner	2D scanner Newland N1



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

Dustproof industrial tablet MobiPad HS6 was equipped with high performance, energy-efficient Intel Celeron N100 processor. Inside, there are four 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 full HD video and movies. Low power consumption guarantees long battery life.

Ergonomic design



MobiPad

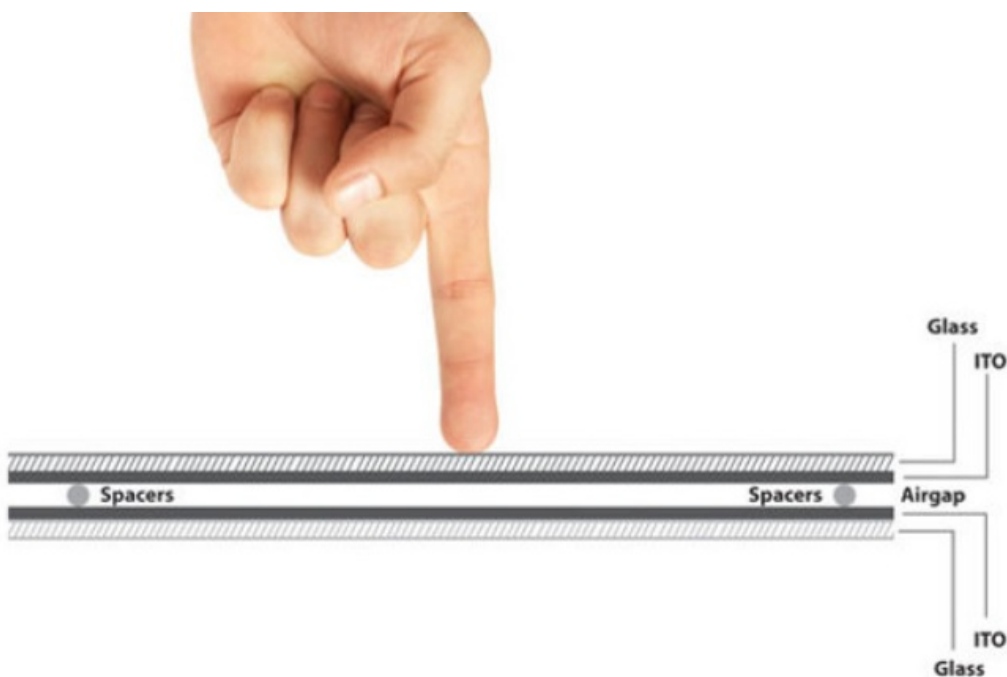
HS6

industrial tablet is designed for resistance and convenience. The sleek and rugged 22mm thick design and stylish case will make the tablet 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.

<b>Dimensions</b>	180mm x 85mm x 22mm
<b>Weight</b>	500g



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 tablet with a few fingers at once.

## Connectors and buttons



### MobiPAD HS6

can be equipped with a fingerprint reader and 2D scanner, available in individual versions or in its own configuration.



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## 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.

<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>	Water projected - 30 minutes under water (up to 1 meter deep)

### 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 tablet screen is protected by specially tempered glass Gorilla Glass.

### Extreme temperatures

MobiPad HS6  
is suitable for continuous operation in both low and high temperatures in the range of -20° C to 60° C. When the device is off, it can handle temperatures ranging from -25° C to 80°C. In addition, the rugged industrial tablet performs well in rooms with increased humidity, ensuring proper operation even with 100% relative humidity.

<b>Working Temp.</b>	-20°C to 60°C
<b>Storage Temp.</b>	-25°C to 80°C
<b>Humidity</b>	0% to 100%

**Working temperature:  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$**

**Storage temperature:  $-25^{\circ}\text{C} \sim 80^{\circ}\text{C}$**



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## WIRELESS COMMUNICATION

### GPS Navigation

Waterproof tablet MobiPad HS6 is equipped with a professional GPS module with GLONASS support, 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 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 tablet, is equipped with the latest 802.11ac technology, which allows file transfer speeds up to 1 Gb/s.

<b>Standards</b>	802.11(a/b/g/n/ac)
<b>Frequencies</b>	2.4GHz and 5GHz



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## FUNCTIONALITY

Barcode Scanner (Optional)

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 HS6 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	Newland NLS-N1 (1D/2D)
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## 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 / IEC 14443 that combines the smart card interface and reader in one device. NFC devices can communicate with both existing devices in the ISO / IEC 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 14443, ISO/IEC 15693, range 3-5cm.

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## APPLICATION

### Trade and Services

Thanks to their size and light weight, tablets are a useful tool for sales representatives. Today's applications running under the tablet system enable even entering the tablets 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 tablets in the trade, such as sending orders or invoices directly to the company through the GSM network or Wi-Fi.



### Industry and Construction

Industrial tablets 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, tablets 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 tablets are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.



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## AVAILABLE VERSIONS AND ACCESSORIES

The industry-leading MobiPad HS6 tablet 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.



More pictures available in the "Gallery" tab.

	v.1	v.2	v.3
2D scanner Newland N1	—	+	—
2D scanner Zebra SE5500	—	—	+