



MobiPad HS7200N v.5 - Durable data collectors with an efficient MTK6765 processor, large 11700mAh battery, 8GB+128GB, NFC, Honeywell N5703, RFID UHF (2-year warranty)

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 12
Display:	6"720x1440
Brightness:	400 nits
Processor:	MTK6765 (8x max. 2.0 GHz)
Memory:	8GB RAM DDR4
Hard Drive:	No
Flash Memory:	128GB ROM
Touch screen:	Yes capacitive screenMulti touch
Durability:	IP67
Drop:	1,5 m
Shock:	---
Vibration:	---
Temperature:	Operating temperature: -10°C ~ 50°CStorage temperature: -40°C ~ 70°C
Humidity:	5%-95% (non-condensing)
1D barcode scanner (reader):	---
2D barcode scanner (reader):	Honeywell N5703

RFID scanner (reader):	RFID UHF 865-868MhzNFC
Other:	Electrostatic protection+/-15 kV air discharge +/-8kv contact
Battery:	11700mAh 4.35V
Working time on battery:	8h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	No
WLAN:	WiFi 5
Bluetooth:	Bluetooth 5.1
WAN:	4G LTE TD FDD
GPS:	GPS Beidou Galileo GLONASS
Camera:	5 + 13 Mpx
In/Out:	1x Micro-SIM 1x TF 1x USB-C1x speaker 1x MIC
Optional accessories:	No
Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	No
Microchip card reader:	Nie
Contrast:	Yes
Graphics card:	Power
Chipset:	Helio P35
BIOS:	---
Casing material:	PC
Flash Card Reader:	TF
CD/DVD:	No
Audio:	Microphone Speaker Earpiece
Keyboard:	Onscreen

Additional Navigation Devices :	No
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP67
Waterproof:	IP67
Sand and dust:	IP67
Size:	178 x 83 x 24mm
Fanless casing:	Yes
Weight:	696g

3 187,24 zł

net price: 2 591,25 zł

MobiPad HS7200N



SPECIFICATION

DATA COLLECTING

RESISTANCE

WIRELESS COMMUNICATION

APPLICATION

AVAILABLE VERSIONS

The MobiPad HS7200N is a reliable mobile device ideal for intensive field work. Its robust casing and high IP67 protection standard ensure complete electronics safety even in harsh, dusty, and humid environments. At the heart of the device is Android 12, which, together with Bluetooth 5.1 and Wi-Fi 5 modules, enables the instant transfer of important information, while built-in UHF RFID technology allows for quick item identification. Thanks to its large 11,700 mAh battery, this easy-to-use data collector can operate for many hours without needing to reach for a charger. It's a functional solution for anyone who values stability and damage resistance in everyday tasks.

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SPECIFICATION

MobiPad HS7200N v.5

Processor

MTK6765 Octa-core

(8 cores, 8 threads, 2.0 GHz)

MobiPad HS7200N v.5

Operating system	Android 12
RAM DDR4	8GB
ROM	128GB
Communication	4G BT 5.1 WiFi 5 GPS
Display	6" 720x1440 400 nits
Touch screen	Yes
Protection	IP67
SIM card	Micro SIM
Battery	11700 mAh
Connections	1xMicro-SIM 1x TF 1x USB-C 1x speaker 1xMIC
Scanner 2D	2D Newland N6601 *(optional) 2D Zebra SE4710 *(optional) 2D Honeywell N5703
Radio readers	RFID UHF 865-868Mhz NFC
Guarantee	2-years

*** Optional equipment available in the relevant product versions or on request**



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

This rugged mobile device offers exceptional power and smooth operation for everyday use. Thanks to the 2.0 GHz octa-core MTK6765 processor and Android 12, the device processes data quickly and handles a variety of applications. Its robust, durable design allows for safe use in harsh conditions where conventional devices might fail. The device operates smoothly and stably, allowing for quick task completion without unnecessary downtime.

Ergonomic design

Its handy design and 6-inch display make this device incredibly practical for everyday use. The small, sleek casing allows for very convenient operation, and the 400-nit screen ensures good visibility of all messages.



The design combines high durability with a lightweight form, which is crucial for fieldwork. The device's thin profile makes it easy to hold, and its convenient dimensions provide easy access to all touchscreen functions. Its mobile design makes the product very easy to transport and does not burden users during extended use.

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Capacitive screen



Fast and precise touch operation is the foundation of this modern device. The simple capacitive screen responds to every finger movement, allowing for efficient scrolling and zooming in on selected information. This solution ensures smooth data manipulation, and controlling the device's functions is effortless and exceptionally intuitive. The robust display surface ensures that the touchpad remains responsive and accurate even during intensive daily use.

400 nits screen

Good visibility and a bright image are key features of this screen, which performs well even in bright sunlight. With a brightness level of 400 nits, all text and characters are clear, making extended work in bright halls or outdoors much easier. This powerful backlight means you don't have to seek shade to check the information you need, providing you with great freedom of operation in any weather. The display remains clear and sharp, allowing you to easily view technical documentation without eye strain. This simple and effective solution

guarantees constant access to data regardless of the intensity of the lighting in your workplace.



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Connectors, buttons and dimensions

A fast USB-C port and additional card slots make the MobiPad HS7200N highly

functional. A micro SIM card slot allows you to access the internet anywhere, and a TF card slot allows you to easily expand the memory for important files and documents.



The casing also houses a speaker and microphone, allowing for seamless audio playback and voice communication while working. This solution allows for complete independence in the field, as the device does not require a constant connection to the office network to efficiently archive collected information. Despite its many functions, the terminal maintains optimal dimensions of 178

mm in length, 83 mm in width, and 24 mm in thickness, making it a robust and handy work tool.

Dimensions	178 x 83 x 24mm
Weight	696g

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DATA COLLECTING

NFC

NFC (Near Field Communication) is a simple and fast method of transferring information by briefly touching the device to a special card or sticker. This module instantly retrieves data from the chip and sends it to the program, allowing for immediate identification of goods, a specific location, or a person. This solution greatly simplifies everyday logistics tasks, as manual typing is no longer necessary. A single, quick hand movement is enough to confirm presence at a shelf or check the status of a package, saving significant time when working in a warehouse. This technology operates at a short distance of just a few centimeters, ensuring that the exact data being read is accurate. This ensures smooth information flow and minimizes the risk of errors during inventory

counting.



2D scanner

The built-in 2D barcode reader is a key feature of the MobiPad HS7200N, allowing for the rapid collection of information from various labels. Depending on your needs, the equipment can utilize one of three proven modules: Zebra SE4710, Honeywell N5703, or Newland N6601. Each offers highly accurate reading of standard barcodes and square codes, operating quickly and error-free. A major advantage of these systems is that they can even handle dirty, smudged, or slightly damaged labels. Thanks to these robust components, item scanning is smooth, avoiding downtime in challenging warehouse environments. The entire process involves quickly aligning the reader with the code, which immediately

enters the data into the system, ensuring high efficiency during daily inventory management.



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RFID

Modern UHF RFID radio technology, operating in the 865–868 MHz range, allows for the instant recognition of items from many meters away. The entire process involves sending invisible radio waves that stimulate simple labels placed on goods, transmitting the information stored on them directly to the device. A major advantage of this solution is that there's no need to aim at a specific point – the reader sees tags even if they're hidden behind foil, cardboard, or plastic. In

everyday work, this translates into enormous time savings, as it allows for the counting of an entire pallet or large box in seconds, without removing individual items. This data collection method almost completely eliminates the risk of errors that occur with manual inventory counting. This ensures inventory levels are always up to date, and logistics operations become seamless and fully automated. This effective tool provides constant visibility into company resources without unnecessary physical effort.






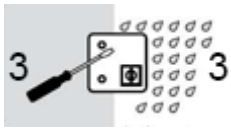





RESISTANCE

IP67 protection class



The IP67 standard is an international certification specifying the degree of protection a device has. The number 6 indicates complete dust protection, while the number 7 guarantees safe immersion in water up to 1 meter deep for 30 minutes. In data collectors, this system relies on precision seals, pressure membranes, and reinforced housings that protect sensitive electronics from mud, dust, and accidental flooding. This high level of protection allows mobile terminals to operate reliably in the most demanding industrial environments, such as dusty warehouses or rainy construction sites.

Firts digit	Protection level	Second digit
No special protection	0  0	No special protection
Protection from solid objects greater than 50mm in diameter	1  1	Protection from dripping water

Firts digit	Protection level	Second digit
Protection from object not greater than 12mm in diameter		Protection from vertically dripping water (tilted up to 15°)
Protection from object not greater than 2,5mm in diameter		Protection from sprayed water (tilted up to 60°)
Protection from object not greater than 1mm in diameter		Protection from splashed water
Complete protection against contact, Protection against dust deposit		Protection from water projected from a nozzle
Complete protectionm against contact, protection from infiltration of dust		Protection against heavy seas, or powerful jets of water
		Protection against immersion
		Protection against complete, continuous submersion in water

Fall to 1.5 m

Safety when working at height is guaranteed by a robust design that has been designed to withstand sudden drops from 1.5 meters. The device has undergone rigorous impact tests, verifying the strength of each of its six sides and four key corners. This effectively protects sensitive parts, such as the screen and barcode reader, from shock and breakage. Even if the device accidentally falls from your hand onto a hard floor, the reinforced casing absorbs the impact, allowing for

continued, trouble-free use. Such durability is essential in fast-paced warehouse environments, where mishaps are easily possible. The durable construction ensures the terminal is ready for harsh conditions and provides long-term, trouble-free service, minimizing the risk of costly repairs.

Extreme temperatures

Full performance in virtually any temperature condition is one of the MobiPad HS7200N's greatest advantages. The device can easily handle temperatures from -10°C to 50°C, making it a versatile tool for both freezing cold stores and blisteringly hot factory floors. Its armored construction protects the electronics from the negative effects of cold and heat, ensuring the battery always delivers adequate power. The device is even more durable when stored unused, withstanding extreme temperature fluctuations from -40°C to 70°C. These broad specifications ensure that even after a night spent in an unheated warehouse or in a car during the summer heat, the terminal will be ready for immediate operation. This allows logistics processes to continue uninterrupted, and data remains secure regardless of the weather or season.

Operation temperature : -10°C ~ 50°C

Storage temperature : -40°C ~ 70°C



Operation Temp.	-10 to 50
Storage Temp.	-40 to 70
Humidity	from 5% to 95% (non-condensing)

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WIRELESS COMMUNICATION

GPS Navigation

The GPS system relies on a network of satellites orbiting the Earth, which constantly transmit radio signals containing the precise time of transmission and information about their orbital position. The receiver in the MobiPad HS7200N intercepts these signals from at least four different units to precisely calculate the distance to each based on the wave's arrival delay. Modern systems often combine data from multiple constellations, such as Beidou, Glonass, and Galileo, shown in the graphic, to provide faster and more stable location determination even in challenging terrain.

Bluetooth 5.1

This technology allows the device to be placed in machines inside factory floors, enabling automated logistics management and instant pallet status tracking in large warehouses. In general, Bluetooth 5.1 security applications allow, for example, the creation of protective zones around devices that automatically turn off when they detect an employee approaching the control device. Thanks to its very fast connection and application, this solution is effective in wirelessly monitoring a set of industrial parameters using a battery cutoff switch.

Wi-Fi network

A stable network connection within large buildings is ensured by the modern Wi-Fi 5 standard. It operates in a 5 GHz band, and data transmission is resistant to interference that often leads to other executive devices in production halls or warehouses. It enables seamless operation with company systems, ensuring that any changes are made immediately after data entry, without any delays. Device downtime is eliminated, ensuring work is available, and file access is always fast. This network supports daily tasks, ensuring exceptional and uninterrupted communication between the terminal and the server. These simple technical solutions control inventory levels and allow for constant monitoring of all processes supported by the network in a given location.

Standards	2.4GHz & 5GHz
Frequencies	802.11 a/b/g/n/ac

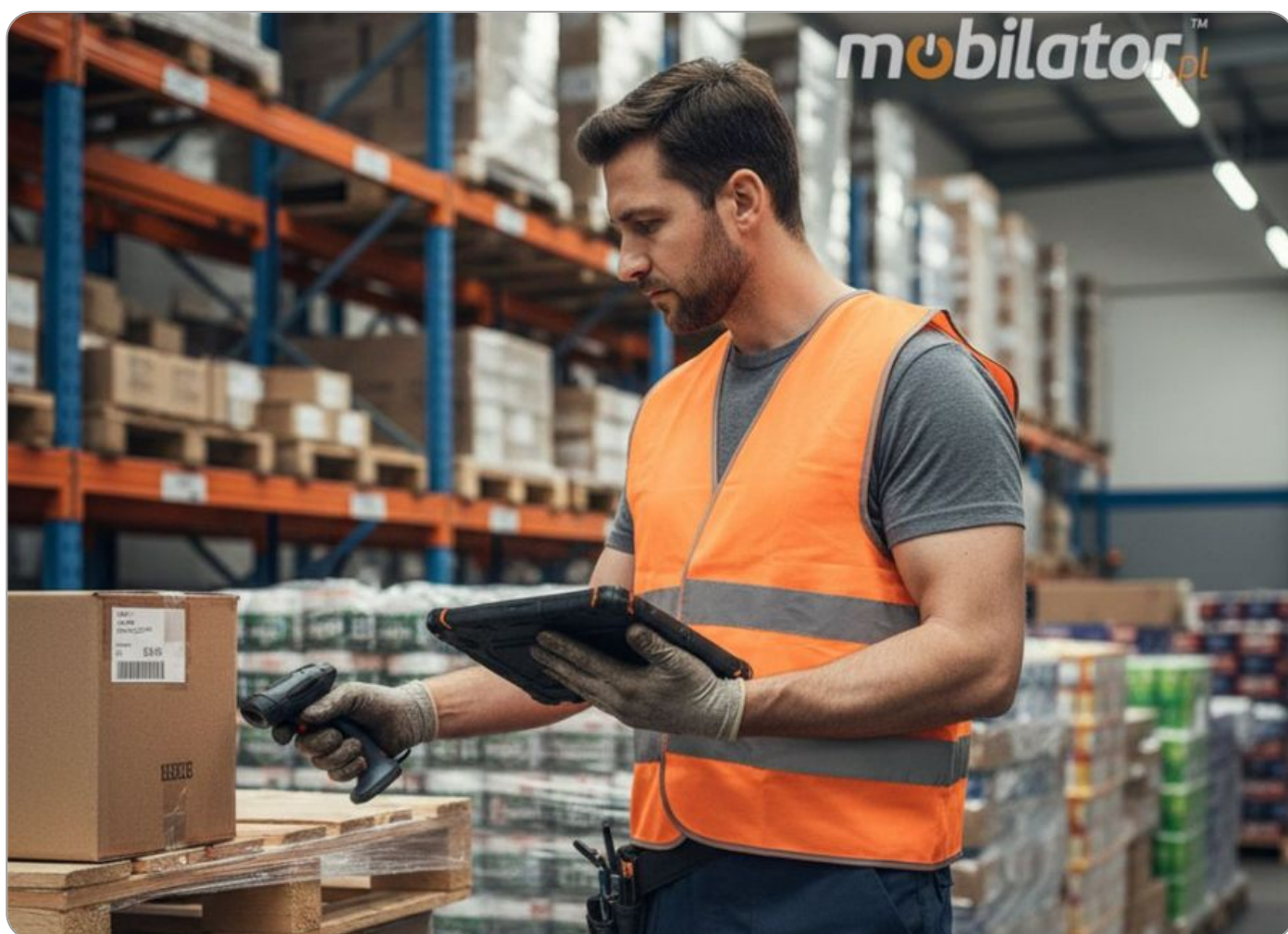
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APPLICATION

Trade and Service

The MobiPad HS7200N data collector, equipped with a 11,700 mAh battery and a bright 400-nit screen, is ideal for all-day field work and mobile point-of-sale applications, ensuring the interface is legible even in direct sunlight. Constant 4G

connectivity and a WiFi 5 module enable lightning-fast wireless payment processing and real-time inventory synchronization with cloud systems. Built-in cameras enable efficient product barcode capture and documentation of completed service, significantly optimizing logistics and operational processes in retail.



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Industry and Construction

These rugged devices, with IP67 ratings and an octa-core processor, are ideal for

harsh construction site or production hall environments, where dust and moisture prevent standard electronics from operating. The integrated UHF RFID module and 2D scanner enable rapid inventory of building materials and precise asset tracking throughout the supply chain, significantly optimizing fleet management. The bright 400 nit screen and modern BT 5.1 connectivity enable field workers to comfortably read technical documentation and work seamlessly with external measurement sensors in direct sunlight.



Warehouse

The combination of a long-range UHF RFID reader and a 2D scanner enables rapid inventory counting on high racks without the need to directly approach each pallet. A powerful 11,700 mAh battery ensures continuous operation during long-hour inventory sessions, eliminating downtime for charging even with intensive wireless module use. The durable IP67-rated housing protects the device from accidental drops on concrete and dust, which, combined with the powerful Octa-core processor, ensures smooth operation of complex warehouse management systems (WMS).



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AVAILABLE VERSIONS

The MobiPad HS7200N data collector is a reliable tool that performs well in harsh

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operating conditions. Its modular design allows for flexible customization of a specific model to suit your business profile. This allows you to choose the version that is most useful for everyday tasks. The table below summarizes the basic features for each available version of the device. If you require features not included in the standard offering, you can create a separate, custom-built hardware variant.

	v.1	v.2	v.3	v.4	v.5	v.6
4GB + 64GB	+	+	+	—	—	—
8GB + 128GB	—	—	—	+	+	+
Newland N6601	+	—	—	+	—	—
Honeywell N5703	—	+	—	—	+	—
Zebra SE4710	—	—	+	—	—	+



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