



MobiPad P3600KH v.1 - A small-sized data collector with Android 14, 4GB RAM, 4G communication modules, WiFi 5 and Bluetooth 5.0

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 14
Display:	4 inches 800x480
Brightness:	300 NIT
Processor:	MTK6762 octa-core
Memory:	4 GB RAMDDR 3
Hard Drive:	No
Flash Memory:	64GB ROM
Touch screen:	Yes capacitive screenMulti touch
Durability:	IP65
Drop:	1,2 m
Shock:	---
Vibration:	---
Temperature:	Temp. Operating -20 DO 60Temp. Storage -40 DO 70
Humidity:	5%-95% (non-condensing)
1D barcode scanner (reader):	---

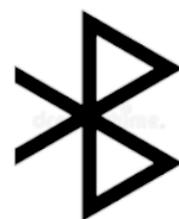
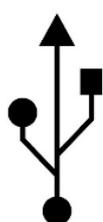
2D barcode scanner (reader):	Newland CM60E
RFID scanner (reader):	NFC
Other:	GMS for GOOGLE PLAY STORE
Battery:	5000mAh gel polymer battery removable 4.35V (3.8V)
Working time on battery:	8-9 hours of work (WiFi 50%, brightness 50%)
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	---
WLAN:	WiFi 5a/b/g/n/ac
Bluetooth:	Bluetooth 5.0
WAN:	4G LTE TDD FDD
GPS:	GPS Beidou Galileo GLONASS AGPS
Camera:	5 + 13 Mpx
In/Out:	USB
Optional accessories:	Wrist strap docking station
Docking station connector:	Yes
VESA standard – holders and mounts support:	---
COM port:	---
Magnetic card reader (MSR):	No
Microchip card reader:	Nie
Contrast:	Yes
Graphics card:	---
Chipset:	---
BIOS:	No
Casing material:	PC + Glass Fiber
Flash Card Reader:	TF CARD do 256 GB (slot 2-z-3)
CD/DVD:	No
Audio:	Dual microphone (noise reduction sub microphone) Speaker Receiver

Keyboard:	Numeric
Additional Navigation Devices :	No
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP65
Waterproof:	IP65
Sand and dust:	IP65
Size:	162 x 67 x 18.75mm/23.22mm
Fanless casing:	Yes
Weight:	240g

1 273,05 zł

net price: 1 035,00 zł

MobiPad P3600KH





SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

The MobiPad P3600KH is a data collector model designed for professional use. This device features increased durability, designed to withstand demanding conditions. It is IP65 certified, confirming resistance to dust and strong water jets. Additionally, its reinforced construction and high-capacity 5000 mAh battery support reliable operation in the field. The device is equipped with a USB Type-C connector supporting fast charging up to 9V/2A, and a factory 5V/2A charger is included in the set.

[up...](#) [menu...](#)

SPECIFICATION

MobiPad P3600KH v.1

Processor	MTK6762 octa-core
System	Android 14
RAM	4 GB
ROM	64 GB
Battery	5000mAh gel polymer battery 4.35V (3.8V) 10K NTC resistance (removable)
Communication	4G Bluetooth Wi-Fi GPS NFC CM60E
Display	4" (800x480)
Screen	Capacitive

MobiPad P3600KH v.1

Camera	5 + 13 Mpx
Protection	IP65
SIM	Yes
TF Card	Support two-out-of-three card holder up to 256GB
Certification	UN38.3 MSDS Sea Air IP65 GMS CE ROHS
USB interface	Support TYPE-C support 5V3A charging 2.0USB support OTG support headset function
Guarantee	1 Year



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

The rugged MobiPad P3600KH industrial collector runs Android 14, providing access to modern business applications and intuitive operation similar to standard smartphones, while also ensuring the stability and security essential for a corporate environment. This enables rapid integration with existing IT systems and effective, real-time data management.

[up...](#) [menu...](#)

Ergonomic design

The MobiPad P3600KH is designed for maximum field performance. Its slim and streamlined design ensures ease of use, minimizing operator fatigue. At the same

time, its durable casing protects the device from damage, ensuring continuous operations and reliable data capture even in the most demanding environments.

Dimensions	162 x 67 x 18.75mm/23.22mm
Net weight	240g





[up...](#) [menu...](#)

Capacitive screen



The capacitive screen responds to touch through a change in the electrostatic field, rather than mechanical pressure on the surface. This operating principle enables exceptionally precise operation and gentle touches. Furthermore, built-in multitouch technology allows simultaneous control of the device using multiple fingers.

300-nits screen



The MobiPad P3600KH data collector is designed for effective outdoor use. Its

specially designed high-brightness display ensures excellent readability in sunlight. Combined with a durable, dust- and waterproof housing (IP65), it's a reliable tool in any conditions.

DATA COLLECTING

NFC



The 13.56MHz NFC technology in the MobiPad P3600KH collector revolutionizes industrial processes, ensuring fast and secure wireless data exchange. This functionality is crucial for industry, enabling instant product identification,

machine access authorization, and streamlining inventory processes. Its speed and ease of use make work more efficient. Furthermore, the instant exchange of information between the device and external systems eliminates the need for manual data entry, minimizing the risk of human error.

NFC	13.56MHz ISO/IEC 18000-3 18092 ISO/IEC 14443 A/B ISO/IEC 15693 (Mifare compliance)
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Barcode scanner



The data collector is equipped with a professional Newland CM60E scanning module, which sets new standards in data collection efficiency. The device provides rapid and precise reading of a wide range of 1D and 2D symbologies, providing a reliable tool for everyday operational work.

2D

CM60E

[up...](#) [menu...](#)

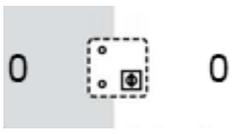
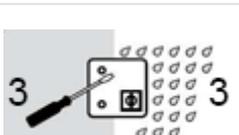
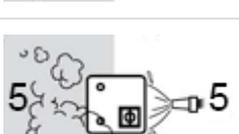
RESISTANCE

IP65



Demanding industrial and field environments require uncompromising protection – and that's precisely what the IP65 standard provides. Meeting this rigorous standard, the special-purpose collector features a completely dust-tight enclosure (number 6) and a high degree of protection against pressurized water jets from any direction (number 5). This ensures the device is protected against

dust, dirt, and water ingress during rain or cleaning, making it a reliable solution for industries where resistance to external factors and equipment durability are key.

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

Uninterrupted operation is a priority – that's why the MobiPad P3600KH is designed to last. The robust and precisely crafted casing of this data collector ensures unwavering resistance to accidental, destructive drops. The device guarantees complete security of critical data, remaining fully functional even after being hit from a height of 1.2 meters onto a hard, unforgiving surface. This reliability ensures the collector is always ready for action, becoming an invaluable tool for professionals in any, even the most extreme, working conditions.

Extreme temperatures

The MobiPad P3600KH collector is designed to withstand the harshest environmental conditions. With a wide operating range, it can operate continuously in temperatures ranging from -20°C to 60°C . The device is also fully humidity-resistant, operating without issue in environments with relative humidity ranging from 5% to 95% (non-condensing). In storage mode, it can withstand extreme temperatures ranging from -40°C to 70°C . Additionally, the collector provides electrostatic discharge (ESD) protection of $\pm 8\text{KV}$ (contact) and $\pm 15\text{KV}$ (air).

Working Temp.	-20°C to 60°C
Storage Temp.	-40°C do 70°C

WIRELESS COMMUNICATION

GPS Navigation

The MobiPad P3600KH is a professional data collector powered by technology focused on mobile precision. It was designed to meet the challenges of fieldwork. Thanks to its highly accurate GPS module, it provides lightning-fast and error-free navigation. This facilitates efficient and precise access to the designated location, saving time and increasing efficiency.

Bluetooth 5.0

Bluetooth is a short-range wireless communication standard that connects devices (e.g., keyboards, computers, smartphones). It's ideal for transmitting data over short distances. The latest versions of this technology offer lower power consumption and greater range.

Wi-Fi network

Dual-band Wi-Fi provides fast, reliable internet access wherever a connection is available (both open and secured). This convenient solution allows for free internet access at work or home, provided the user has a router and a wireless

network.

Standards	WiFi 5
Frequencies	2.4G a/b/g/n/ac

[up...](#)
[menu...](#)

APPLICATION

Trade and Services

The MobiPad P3600KH is an Android-based mobile work center designed to maximize the workload of sales representatives. It guarantees reliable and intuitive management of customer and product databases (with quick search). Support for GSM and Wi-Fi networks ensures the immediate flow of key documents



[do góry...](#) [menu...](#)

Industry and Construction

When working conditions are extreme, you need equipment you can rely on. The MobiPad P3600KH is a specialized industrial collector, built to operate in the harshest environments. Its housing is completely dust- and water-resistant (IP65 protection class). This makes the device ideal for applications in construction, logistics, and manufacturing – anywhere traditional equipment would quickly fail. It's durability you can rely on.



Warehouse

Ensure efficiency and precise control over your warehouse inventory. The MobiPad P3600KH is an advanced data collector designed to significantly improve logistics operations. It enables the quick and precise execution of key tasks such as receiving and issuing goods, price control, order management, and monitoring warehouse status and inventory processes.



[up...](#) [menu...](#)

ACCESSORIES AND AVAILABLE VERSIONS

The MobiPad P3600KH is a robust data collector, built to operate in the most demanding and challenging environments. The device is available in a variety of versions, easily tailored to your needs. Click on the hardware configuration number to view detailed parameters in the table below. Want to create your own custom version? Contact us, and we'll create a custom configuration just for you.



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

	v.1	v.2
MTK6762 octa-core	+	-
MTK8766 octa-core	-	+

4GB RAM + 64GB ROM

+

-

3GB RAM + 32GB ROM

-

+

Newland CM60E

+

-

T20

-

+