WiFi | Bluetooth | NFC | 4G LTE

MobiPad Cool W311 v.3 - Storage tablet with NFC, Honeywell N4680 2D barcode scanner, 8GB RAM, 256GB SSD, WiFi and Bluetooth

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Windows 10 PRO
Display:	10.1" (1920 x 1200)
Brightness:	~450 nits
Processor:	Intel Core i5-8200Y (2x1.3GHz)
Memory:	8GB RAM
Hard Drive:	256GB SSD
Flash Memory:	-----
Touch screen:	Capacitive (glove touch, water touch)
Durability:	IP65
Drop:	1.2m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C -- 60°CStorage temperature: -25°C -- 80°C
Humidity:	0% -- 90%
1D barcode scanner (reader):	**Honeywell N4680**

2D barcode scanner (reader):	**Honeywell N4680**
RFID scanner (reader):	**NFC 13,56MHz** RFID UHF Reader 3-4m (optional)
Other:	High precision GPS (optional)
Battery:	6000mAh / 7.6V Lithium
Working time on battery:	-----
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	RJ45
WLAN:	802.11(a/b/c/g/n/ac) Dual band
Bluetooth:	Bluetooth 4.2
WAN:	4G Fre: FDD: B1,B2, B3, B4, B5, B7, B8, B28 TDD: B40 B34 WCDMA:B1, B2,B4,B5,B8 GSM: B2, B3, B5, B8
GPS:	Yes
Camera:	Rear: 13Mpx, FlashFront: 5Mpx
In/Out:	USB 3.0 | HDMI | RJ45 | RS232 | Audio Jack | Pogopin
Optional accessories:	Car holder, wrist strap, suitcase handle
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	RS232
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	ABS/PC/rubber TPU/aluminum
Flash Card Reader:	micro SD
CD/DVD:	-----

Audio:	Built-in microphone and speaker
Keyboard:	Onscreen
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	No
Security:	-----
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	275mm x 178mm x 18mm - 1000g
Fanless casing:	Yes
Weight:	1000g

4 860,47 zł
net price: 3 951,60 zł

MobiPad Cool W311

Industrial tablet with reinforced construction,
designed to work under the harshest conditions.

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPad Cool W311 is a modern, waterproof industrial tablet designed for extreme applications. It has a specially designed, reinforced construction that meets the requirements of IP65, which confirms the protection of the device against dust and water. Like the military equipment, the tablet has the MIL-STD 810 military standard.

SPECIFICATION

MobiPad Cool W311	
Processor	Intel Core i5-8200Y (2x1.3GHz)
Operating system	Windows 10 PRO
RAM	8GB
Hard drive	256GB SSD 512GB SSD * 1TB SSD *
Display	10.1", 1920 x 1200, 450 nits
Touch screen	Capacitive, 10 point touch
Battery	6000mAh / 7.6V
Camera	Front: 5Mpx | Rear: 13Mpx + Flash
Protection	IP65 | MIL-STD 810 | 1.2m. drops
Communication	4G LTE | Bluetooth 4,2 | GSM | Wi-Fi | GPS
Connectors	USB 3.0 | HDMI | RJ45 | RS232 | Audio Jack | Pogopin
Sensor	Light sensor | Acceleration/gravity
Memory card	Micro SD
SIM card	Micro SIM

MobiPad Cool W311

RFID Reader	UHF RFID (3-4m) | Option *
NFC	Tak
2D Scanner	Honeywell N4680

* Optional equipment, available on specific versions only.

> (i) Detailed specification of the device is available in the tab "Technical data ".

Dustproof industrial tablet MobiPad Cool W311 was equipped with high performance, energy-efficient Intel Core i5 processor. Inside, there are two 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   Cool   W311
industrial tablet is designed for resistance and convenience. The sleek and
rugged 18mm 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.

Dimensions	275mm x 178mm x 18mm
Weight	1000g

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.

RESISTANCE

IP65 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 ho...
IPX5	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful...

MIL-STD 810 Standard

The MIL-STD-810 is a strict military standard used in the United States Army. It determines the immunity of the equipment to severe environmental and weather conditions such as extreme low and high temperatures, temperature changes, rain or dust, as well as various accidents (shocks, floods, high altitude falls, etc.). Although the MIL-STD-810 is mainly used for military

equipment, it is often used by private companies that produce equipment that requires unmatched durability.

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 Cool W311 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 90% relative humidity.

Working Temp.	-20°C to 60°C
Storage Temp.	-25°C to 80°C
Humidity	0% do 90%

WIRELESS COMMUNICATION

GPS Navigation

Waterproof tablet MobiPad Cool W311 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 4.2

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.

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

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 Cool W311 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	Honeywell N4680 (1D/2D)

RFID UHF 3-4m (Optional)

RFID technology has aroused great worldwide interest. Is expected to solve

many of the problems with fast and faultless identification of people and equipment. Its development is more turbulent than gradually Introduced barcodes. RFID technology is cheap, reliable and versatile. RFID (Radio-Frequency Identification) is a technology used to identify objects and flow control   products.
UHF RFID range (3-4m).

Type	RFID UHF
Frequency	900MHz

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 14443A / B and ISO15693 protocols. Distance 5cm or above.

Trade and Services

Thanks to their size and light weight, tablet 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.

<div align="center">Warehouse</div>

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.

<div align="center">**AVAILABLE VERSIONS AND ACCESSORIES**</div>

The industry-leading MobiPad Cool W311 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.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7
Drive 256GB SSD	—					—	—
Drive 512GB SSD	—	—	—	—	—		
NFC	—						—
Scanner 2D Honeywell	—	—		—			—
UHF RFID (3-4m)	—	—	—				—
16GB RAM	—	—	—	—		—	
Drive 1000GB SSD	—	—	—	—	—	—	—
HIGH PRECISION GPS	—	—	—	—	—	—	—

	v.8	v.9	v.10	v.11	v.12	v.13	v.14
Drive 256GB SSD	—	—	—	—	—	—	—
Drive 512GB SSD							—
NFC	—		—		—		
Scanner 2D Honeywell			—	—	—		
UHF RFID (3-4m)	—	—			—		
16GB RAM							
Drive 1000GB SSD	—	—	—	—	—	—	
HIGH PRECISION GPS	—	—	—	—			