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MobiPAD JST11 v.1 - solid industrial tablet with USB 3.0, RJ45 connectors, Intel N5100 processor, Wifi and Bluetooth, 4GB RAM and 64GB ROM

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Windows 10 PRO
Display:	10.1" (1920 x 1200)
Brightness:	450 nits
Processor:	Intel N5100 (4x2.8GHz)
Memory:	**4GB RAM**
Hard Drive:	**64GB SSD**
Flash Memory:	-----
Touch screen:	Capacitive (glove touch, water touch)
Durability:	IP65
Drop:	1.2m
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- 60°CStorage temperature: -25°C -- 80°C
Humidity:	0% -- 100%
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	No (Option)
RFID scanner (reader):	**NFC 13,56MHz**
Other:	High precision GPS (optional), Fingerprint (optional)
Battery:	6000mAh / 7.6V Lithium
Working time on battery:	8-10 hours
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:	Docking stations, car charger, stylus, wrist strap, suitcase holder, car holder, charger with 4 adapters
Docking station connector:	Yes
VESA standard – holders and mounts support:	Yes - 75x75mm, 90x90mm
COM port:	RS232
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	900:1
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	ABS/PC/rubber TPU/aluminum
Flash Card Reader:	-----

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:	IP65
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	275mm x 178mm x 18mm - 1100g
Fanless casing:	Yes
Weight:	1100g

3 164,18 zł

net price: 2 572,50 zł

MobiPAD JST11

Fall-resistant, efficient industrial tablet designed to work in the harshest conditions

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

FUNCTIONALITY

APPLICATION

AVAILABLE VERSIONS AND ACCESSORIES

MobiPad JST11 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.

SPECIFICATION

MobiPAD JST11	
Processor	Intel N5100 (4x2.8GHz)
Operating system	Windows 10
RAM	4GB 8GB *
Hard drive	64GB SSD 256GB 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	NO
SIM card	SIM
RFID Reader	NO UHF (0.8-1 meter) * UHF (3-4 meters) *
NFC	13,56MHz

MobiPAD JST11	
2D Scanner	NO Honeywell N4680 *

* Optional equipment, available on specific versions only.

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

Dustproof industrial tablet MobiPad JST11 was equipped with high performance, energy-efficient Intel N5100 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

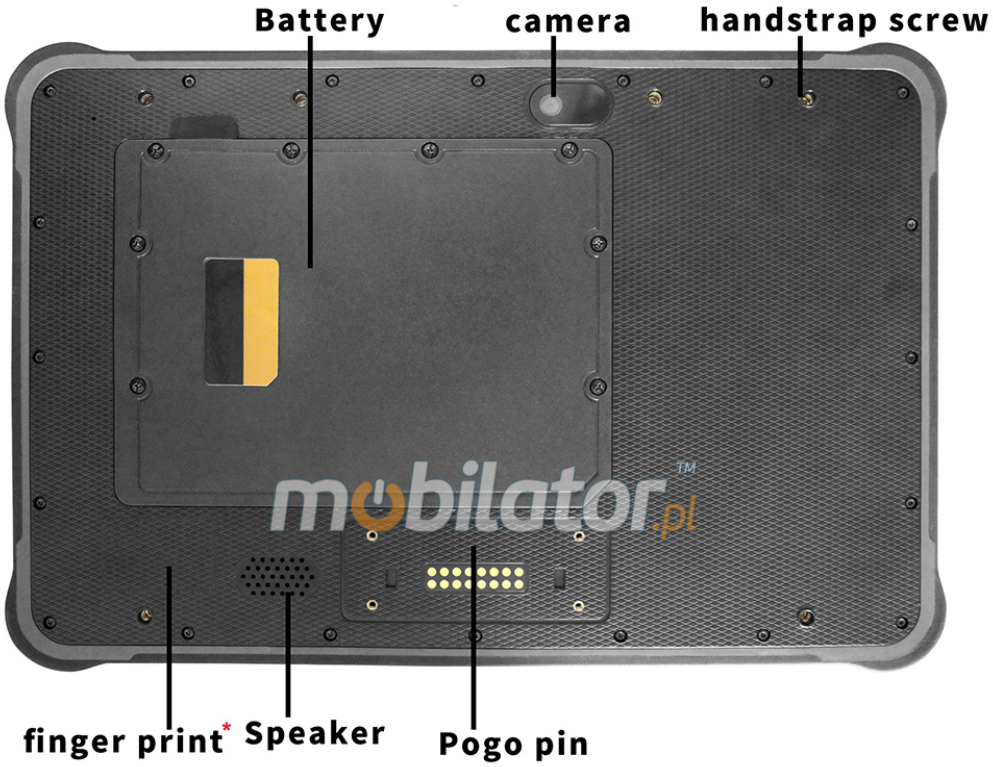
industrial tablet is designed for resistance and convenience. The sleek and rugged 18mm thick design and stylish case will make the tablet very well suited for industrial use and more. The unique size has been carefully thought out to make the device more comfortable and ergonomic. The non-slip casing 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	1100g

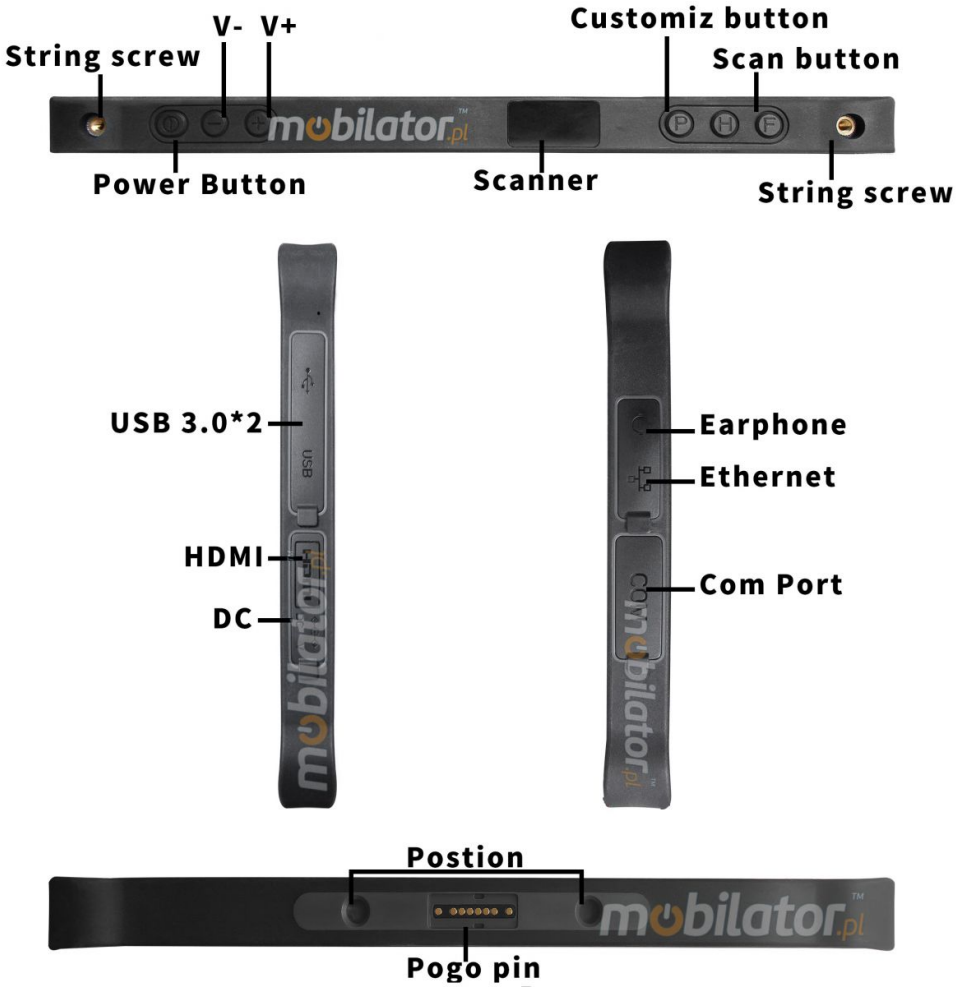
Capacitive screen

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 JST11 can be equipped with a fingerprint reader, available in individual versions or in its own configuration.



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 hours based on air flow.
IPX5	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

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.

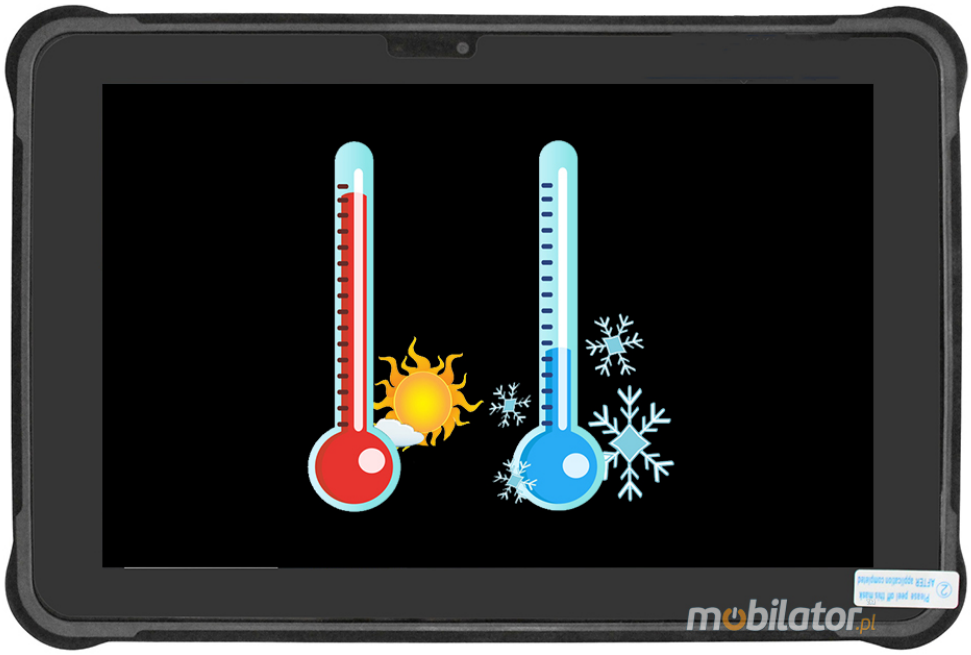
Extreme temperatures

MobiPad JST11 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.

Working Temp.	-20°C to 60°C
Storage Temp.	-25°C to 80°C
Humidity	0% do 100%

Working temperature: -20° C ~ 60° C

Storage temperature: -25° C ~ 80° C



WIRELESS COMMUNICATION

GPS Navigation

Waterproof tablet MobiPad JST11 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

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 JST11 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) *

* Optional equipment, available on specific versions only.

RFID UHF (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 available in MobiPAD JST11 is in two range versions: 0.8-1 meter, and 3-4 meters.

Type	RFID UHF (0.8-1 meter) * RFID UHF (3-4 meters) *
Frequency	900MHz

* Optional equipment, available on specific versions only.

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 14443A, Mifare.

APPLICATION

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.

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.

AVAILABLE VERSIONS AND ACCESSORIES

The industry-leading MobiPad JST11 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	v.8	v.9
4GB RAM/64GB ROM	+	+	+	+	+	+	+	+	+
8GB RAM/256GB ROM	—	—	—	—	—	—	—	—	—
2D Honeywell N4680 scanner	—	+	—	—	—	—	+	+	+
Czytnik linii papilarnych/Fingerprint reader	—	—	+	—	—	—	+	—	—
UHF RFID (0.8-1m)	—	—	—	+	—	—	—	+	—
UHF RFID (3-4m)	—	—	—	—	+	—	—	—	+
HIGH PRECISION GPS	—	—	—	—	—	+	—	—	—

	v.10	v.11	v.12	v.13	v.14	v.15	v.16	v.17
4GB RAM/64GB ROM	+	+	+	+	—	—	—	—
8GB RAM/256GB ROM	—	—	—	—	+	+	+	+
2D Honeywell N4680 scanner	+	+	+	+	—	+	—	+
Czytnik linii papilarnych/Fingerprint reader	—	—	—	+	—	—	+	+

UHF RFID (0.8-1m)	—	+	—	—	—	—	—	—
UHF RFID (3-4m)	—	—	+	+	—	—	+	+
HIGH PRECISION GPS	+	+	+	+	—	—	+	+

More pictures available in the "Gallery " tab.