Proof Rugged Industrial Tablet with a built-in 2D barcode reader Android 7.0 MobiPad TSS1011 v.4

Category:	UMPC - Ruggedized
Manufacturer:	Sincoole
Operating System:	Windows 10
Display:	10" (1920 x 1200)
Brightness:	~500Nit
Processor:	Intel Atom Z8350 (4x1.44GHz)
Memory:	3GB DDR3L
Hard Drive:	-----
Flash Memory:	32GB EMMC
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):	No
2D barcode scanner (reader):	Honeywell N3680
RFID scanner (reader):	NFC (13,56MHz)
Other:	Fingerprint module LD-8800-M
Battery:	3.8V 10500mAh Lithium (build-in 2100mAh, primary 8400mAh)
Working time on battery:	8h
Fast battery replacement ability:	Tak
HotSwap battery:	Tak
LAN:	RJ45
WLAN:	IEEE 802.11 a/b/g/n (Dual band)
Bluetooth:	Bluetooth 4.0
WAN:	4G: FDD-LTE - B1/B2/B3/B4/B5/B7/B8/B20 (B12/B17/B28A/B28B)3G: WCDMA: B1/B2/B4/B5/B8GSM
GPS:	Yes
Camera:	Rear: 13Mpx, FlashFront: 5Mpx
In/Out:	Audio Jack | Micro USB
Optional accessories:	-----
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:	-----

Flash Card Reader:	micro SD (max. 64GB)
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

4 234,28 zł

net price: 3 442,50 zł

MobiPad *TSS1011*

SPECIFICATION

RESISTANCE

WIRELESS COMMUNICATION

APPLICATION

MobiPad TSS1011 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 TSS1011	
Processor	Intel Atom Z8350 (4x1.44GHz)
Graphics	—
Operating system	Windows 10
RAM	3GB DDR3L
ROM	32GB EMMC
Display	10", 1920x 1200
Touch screen	Capacitive
Battery	3.8V/10500mAh
Camera	5Mpx Front | 13Mpx Rear + Flash
Protection	IP65 | 1.2m. drops
Communication	3G/4G | Bluetooth | NFC | Wi-Fi | GPS
Connectors	Micro USB | USB | Audio Jack | RJ45 | RS232
Memory card	Micro SD (max. 64GB)
SIM card	Micro SIM
2D Scanner	Honeywell N3680

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

Dustproof industrial tablet MobiPad TSS1011 was equipped with high performance, energy-efficient

Intel Atom Z8350 (4x1.44GHz) 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 TSS1011 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
Net 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 or the collector 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 hours based on air flow.
IPX5	Water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects.

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.

Extreme temperatures

MobiPad TSS1011 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 do 80°C
Humidity	0% do 90%

WIRELESS COMMUNICATION

GPS Navigation

Waterproof tablet MobiPad TSS1011

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 4.0

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, the Emode I18H, is equipped with the latest 802.11n technology, which allows file transfer speeds up to 150 Mb/s.

Standards	802.11(a/b/g/n)
Frequencies	2.4GHz/5.8GHz (Dual-Band)

APPLICATION

Trade and Services

Thanks to their size and light weight, tablet and smartphone data collectors are a useful tool for sales representatives. Today's applications running under the collector system enable even entering the data collector's 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 collectors 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 and data collectors 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, collectors 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 data collectors are undoubtedly: time savings, customer satisfaction thanks to the correct price and speed of operation.

More pictures available in the "Gallery" tab.

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MediaTek MT6735	+	+	–	–
Intel Atom Z8350	–	–	+	+
Android 7.0	+	+	–	–
Windows 10	–	–	+	+
2D Honeywell N3680	–	+	–	+