MobiPad T1300U v.1 - Rugged (IP65) tablet 13.3" with powerful processor Intel Core i5-1235U with 8GB RAM, 256GB SSD

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	**Windows 11 pro**
Display:	13.3
Brightness:	450 nits
Processor:	Intel i5-1235U (10x max.4.4GHz Turbo)
Memory:	8GB RAM
Hard Drive:	256GB SSD (M.2 2242 SATA)
Flash Memory:	No
Touch screen:	Capacitive | 10 point touch
Durability:	IP65
Drop:	1.22m
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating temperature: -20°C ~ 55°CStorage temperature: -25°C ~ 80°C

Humidity:	0% -- 95%
1D barcode scanner (reader):	No
2D barcode scanner (reader):	Honeywell N4680 (optional)
RFID scanner (reader):	NFC 13,56MHz (on the back of the tablet)
Other:	No
Battery:	7.6V, 8000 mAh
Working time on battery:	6 hours (playing video, 60% brightness, 50% loundness)
Fast battery replacement ability:	Yes
HotSwap battery:	No
LAN:	RJ45 x1
WLAN:	802.11a/b/g/n/ac/ax - 2.4G, 5G - WIFI 6
Bluetooth:	Bluetooth 5.2
WAN:	4G Fre FDD_LTE: B1/B2/B3/B4/B5/B7/B8/B28 TDD_LTE: B40 WCDMA: B1/B2/B4/B5/B8 GSM/EDGE: B2/B3/B5/B8
GPS:	Yes
Camera:	Rear: 8Mpx Front: 2Mpx
In/Out:	HDMI Type A x1 | USB 3.2 x2 | Type-C x1 | RJ45 | SIM | TF Customized ports (optional) | Pogo Pin | Jack 3.5 mm
Optional accessories:	shoulder strap | wrist strap | suitcase strap | magnetic keyboard standard adapter | standard battery
Docking station connector:	Yes
VESA standard – holders and mounts support:	No
COM port:	optional
Magnetic card reader (MSR):	No
Microchip card reader:	No
Contrast:	No
Graphics card:	Intel Iris Xe Graphics 80EU
Chipset:	Intel 600 series for Alder Lake-U
BIOS:	No

Casing material:	ABS
Flash Card Reader:	TF card (max. 128GB)
CD/DVD:	No
Audio:	Built-in microphone and speaker
Keyboard:	Onscreen
Additional Navigation Devices :	No
Color:	Black
Swivel Hinge:	No
VGA out:	No
TV Out:	No
TV Tuner:	No
Security:	IP65, MIL-STD-810G
Waterproof:	IPX5
Sand and dust:	IP6X
Size:	337.7mm x 209.2mm x 24mm
Fanless casing:	Yes
Weight:	1500g

5 788,50 zł

net price: 4 706,10 zł

MobiPad T1300U

Największy na świecie tablet przymysłowy

SPECIFICATION

RESISTANCE

DATA COLLECTING

WIRELESS COMMUNICATION

APPLICATION

ACCESSORIES AND AVAILABLE VERSIONS

MobiPad T1300U - One of the world's largest industrial tablets - is a modern, waterproof device designed to work in extrem condistions/enviroments. Its specially reinforced structure has been

designed to meet the requirements of the IP65 standard, which guarantees full protection against water also dust and confirms the tablet's high resistance to difficult conditions.

SPECIFICATION

MobiPad T1300U	
Processor	Intel i5-1235U (10 cores, 12 threads 1.3GHz/turbo 4.4GHz)
Operating system	Windows 11 PRO
RAM	8GB 16GB *, 32GB *, 64GB * (optional)
SSD	128GB * (optional) 256GB (M.2 2242 SATA) 512GB * (optional)
Display	13.3" 1080x1920, IPS, 16:10, 450 nits 1000 nits *(optional)
Touch screen	Capacitive (10-point)
Battery	7.6V/8000mAh 6000mAh *(optional)
Camera	5Mpx Front | 8Mpx Rear
Protection	IP65 | 1.22m drops | MIL-STD 810G
Communication	4G LTE | Bluetooth | Wi-Fi | GPS | NFC

MobiPad T1300U	
Connectors	HDMI Type A | Jack | USB 3.2 | Customized ports *(optional) USB type C (support fast charging) | Pogo Pin | RJ45
Memory card	TF slot (max. 128GB)
SIM card	SIM
Sensor	Gravity sensor | Light sensor | Acceleration sensor
AR Film	NO
Scanner 2D	Honeywell N4680 * (optional)

* Optional equipment, available only on specific version or on request.

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

The Intel i5-1235U processor, which is both high performance and energy-efficient, is installed in a dustproof industrial tablet. Ten proccessor cores working together make it easy to process multiple tasks at once. A shared cache memory hierarchy (with multiple levels) dynamically allocates resources to each core - based on the current load. This shortens the average memory access time. Thanks to the improved technology bulit into the graphics card processor, you can now watch movies in Full HD quality and resolution. Low energy consumption provides long-term battery life.

Ergonomic design

MobiPad T1300U is an industrial tablet that is designed with a focus on durability and user comfort. The device's performance is perfect both in and out of industrial environments due to its solid yet slim housing that is 24 mm thick and modern design. A well-thought-out, unique size increases the handiness and ergonomics of the tablet. The equipment's safety is assured by the non-slip surface and reinforced rubber corners prevent damage caused by falls.

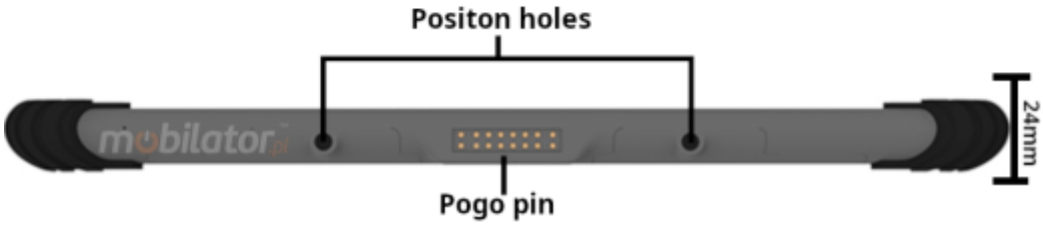
Dimensions	337.7mm x 209.2mm x 24mm
Net weight	1500g

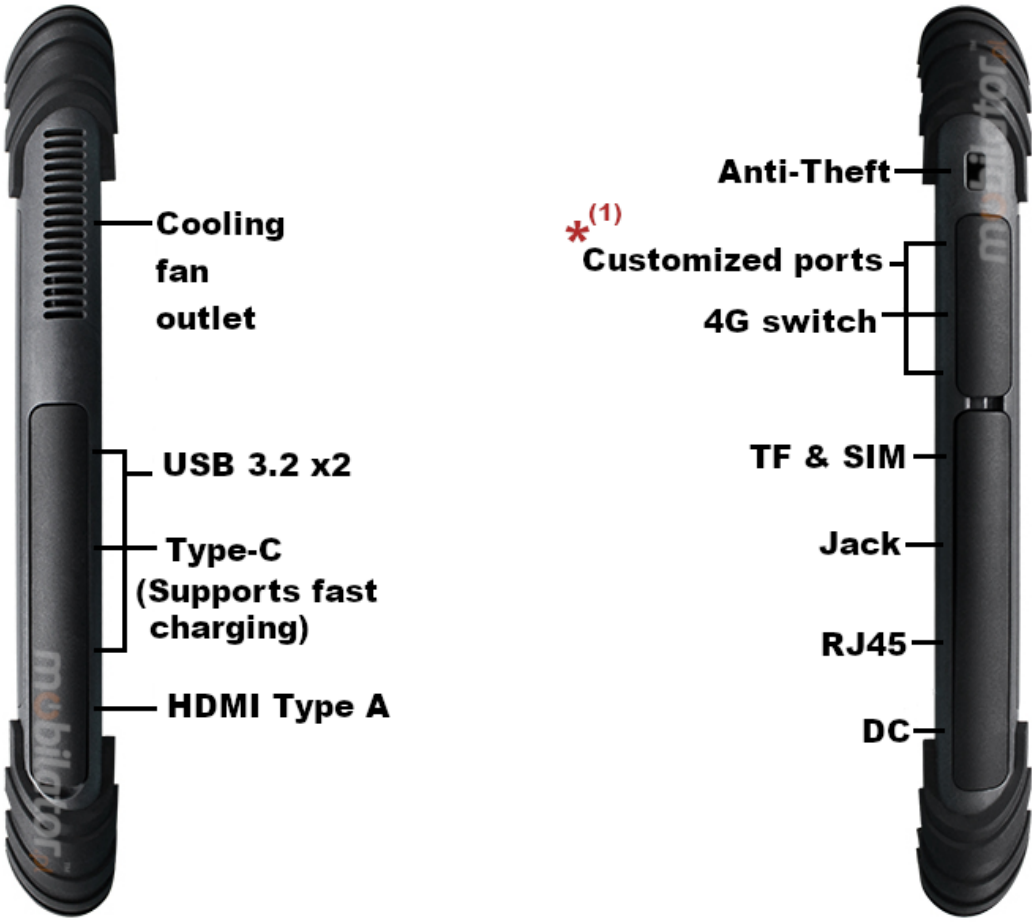
Capacitive screen

The divice's response it isn't about physical pressure on the screen, but about detecting a change in the elecrostatics field at the point of touch. This allows for much more precise handling, including gentle finger swings. Moreover, this technology allows you to use the functionality of using tablets or data clloectors.

Connectors & dimentions

209.2mm
337.7 mm


Positon holes
24mm
Pogo pin



*(1) Customized ports

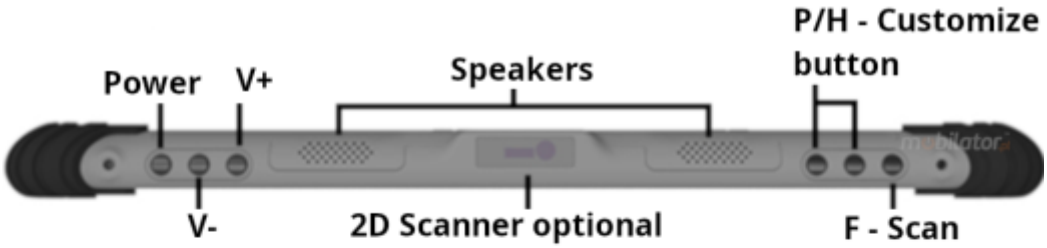
2x USB 3.0
or
2x RS232
or
2x RS485
lub
1x USB 3.0 + 1x RS232
or
1x USB 3.0 + 1x RS485
or
1x RS232 + 1x RS485

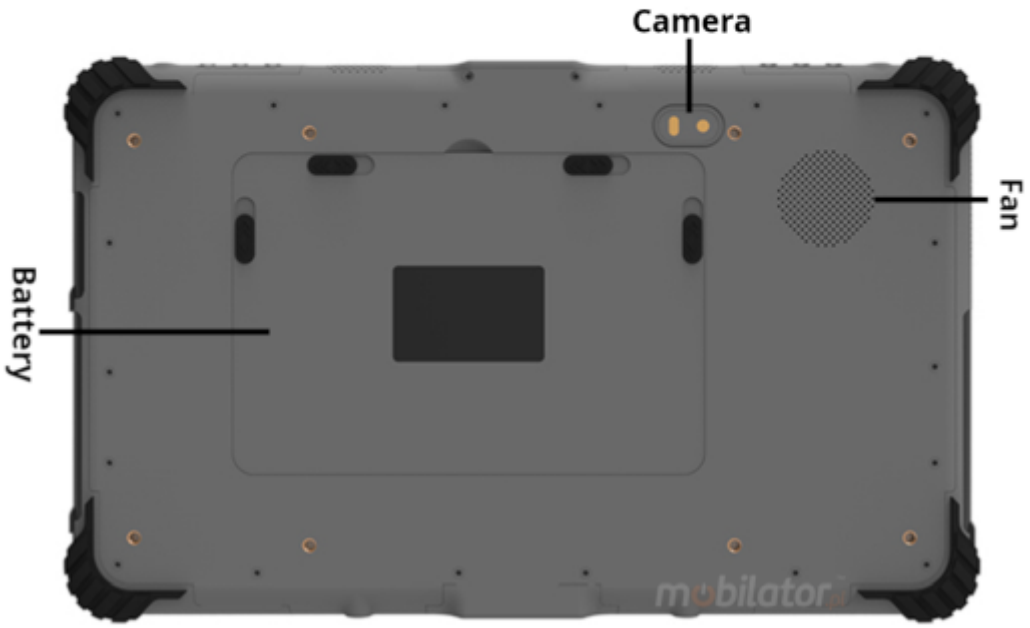
1x USB 3.0
or
1x RS232
or
1x RS485

ATTENTION

1. With the option of one RS232 connector, it will be an incomplete connector, supporting only the following signals: TX, RX, GND.

2. With the option of two RS232, the first will be as described in the point 1, and the second will support signals on all pins (according to the full standard of the RS232 connector).





up...

menu...

DATA COLLECTING

Barcode scanner (optional)

The barcode reader allows you to read, decode and send the information contained in the code to your software installed on a waterproof tablet. Thanks to advanced scanning functions and a wide reading range, the durable tablet precisely collects data, which speeds up and improves the work process. The entire system can be started quickly because the simple installation process and intuitive, convenient design make preparing the scanner for operation extremely easy.

2D Scanner	Honeywell N4680 *

* Optional equipment, available only on specific version or on request.

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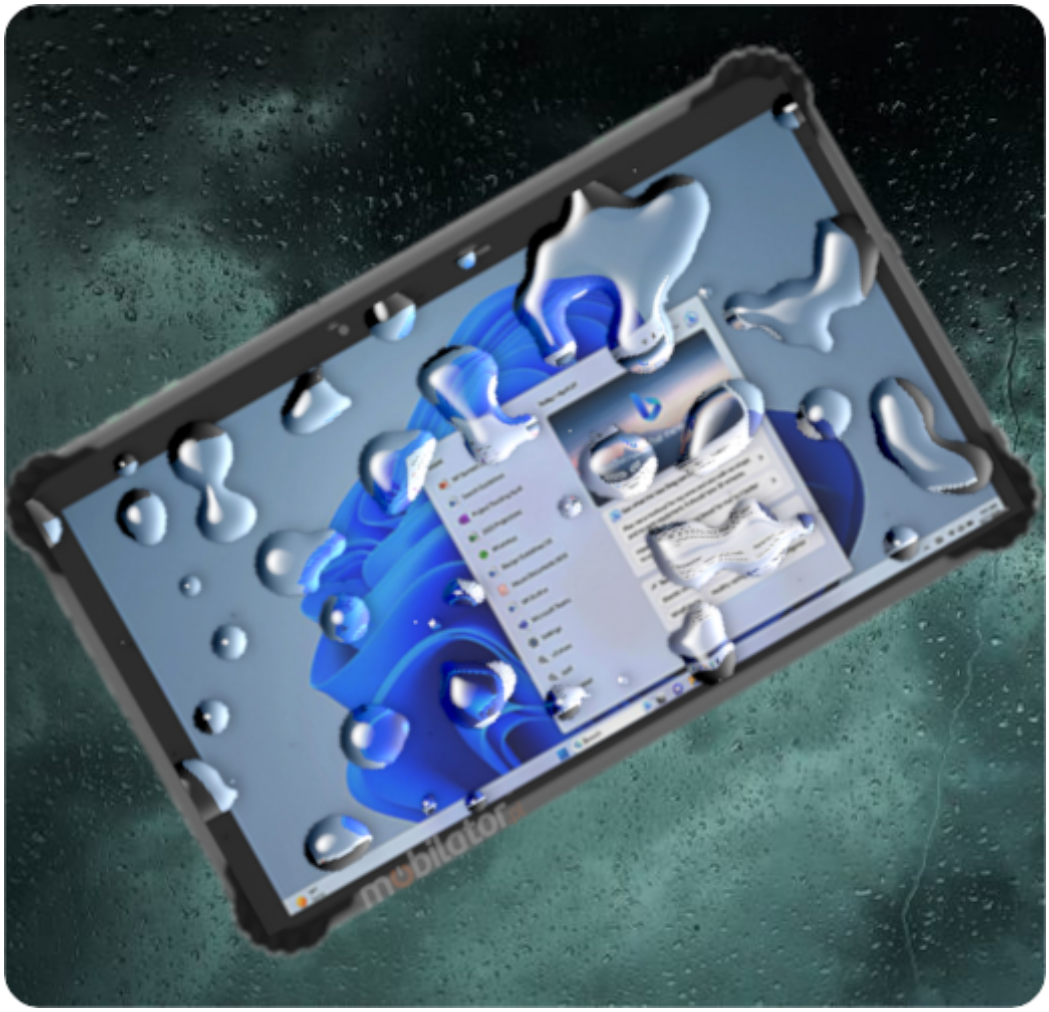
RESISTANCE



IP65 Protection

The IP standard determines the level of protection provided by the electrical device housing against acces of dangerous elements inside, agaisnt the ingress of foreign bodies and against splashing or immersion of water.

IP6X	Protection against access to the wire supply part Dustproof protetcion
IPX5	Protection against water jets (12.5 l / min) poured on the housing from any side

MIL-STD 810 Standard

The U.S. military uses MIL-STD-810 as a military standard to test how well devices can withstand harsh weather and environmental conditions, such as large temperature changes, rain, dust, and random events such as shocks, floods, or falls from high places. Although this standard is mainly used in military equipment, it is also increasingly used by private manufacturing companies that need a very durable device.

1.22m drop resistance

Thanks to its special construction, armored tablet is resistant to accidental falls from a height of up to 1.2 meters during operation, even to hard surfaces.

Extreme temperatures

The MobiPad T1300U is designed to operate over a wide temperature range, from -20°C to 55°C, enabling its continuous use in extreme weather conditions. The device can be stored at even lower temperatures, from -25°C to 80°C, when not in use. Moreover, this schockproof tablet is able to operate effectively in high humidity environments, withstanding relative air humidity levels of up to 95%.

Operation temperature –20°C ~ 60°C

Storate temperature –25°C ~ 80°C

Working Temp.	-20°C to 60°C
Storage Temp.	-25°C do 80°C
Humidity	0% do 95%

up...

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WIRELESS COMMUNICATION

GPS Navigation

The industrial tablet MobiPad T1300U is equipped with the advanced GPS module, which also supports GLONASS, Beidou and Galileo systems. By combining low energy consumption with high

precision, navigation works quickly and smoothly, allowing you to easily and conveniently reach your chosen destination.

Bluetooth 5.2

Bluetooth allows for short-distance wireless communication between various electronic devices, such as a keyboard, computer, laptop, palmtop or mobile phone.

Wi-Fi network

The dual-band Wi-Fi module allows you to quicly connect to the network in locations where both secured and open hotspots are accessible. For users who have a router at home or at work and a free wireless network, this is a useful solution. Thanks to latest WiFi 6

standard, the durable tablet for use in production halls MobiPad T1300U can send and recive data at very high speeds - maximim up to 1775 Mbps (under ideal conditions).

Standards	802.11(a/b/g/n/ac/ax)
Frequencies	2.4G/5G (Dual-Band)

NFC

Near Field Communication (NFC) is a short-range radio standard enabling wireless data exchange at distances of up to several centimeters. This technology combines smart card and reader functions in one device, operating in accordance with the ISO14443 standard.. The NFC works with existing transportation and payment infrastructure and has a range of approximately 1–3 cm.

up...

menu...

APPLICATION

Trade and Services

Thanks to their versatility and easy operation, increased tablets for logistics are a valuable tool for sales representatives. Modern applications on shockproof tablets allow you to save contractors database, which makes it easier to quickly search by name or Tax Identification Number. Similarly, you can manage a commodity database that runs in parallel with customer data. In addition fall-resistent tablets in trade market allows direct sending of orders or

invoices to the company via GSM or Wi-Fi.

Industry and Construction

The main characteristic that sets tablets apart is how resilient they are to challenging working conditions. The reliable operation of these devices is facilitated by their dust-proof, and waterproof housing, which is frequently certified by the military MIL-STD standard and IP certification. This is especially applicable in demanding industrial environments or on construction sites. Thanks to specialized applications, these devices can be used to monitor and control industrial processes as well as to collect and analyze data.

Warehouse

A durable tablet for warehouse is an excellent tool for quick inventory. Depending on the software used, it improves the process of receiving and releasing goods in the warehouse, using resistant tablets for logistis has sevral advantages, such as time saving and increased customer satisfaction thanks to significant improvement and acceleration of service.

AVAILABLE ACCESSORIES AND VERSIONS

Several variants of the industrial tablet MobiPad T1300U are available to meet various requirements. Clicking on the specific configuration number will take you to the product description with the parameters listed in the table below. At the customer's request, it is possible to create a configuration that is not currently available in the offer.

Docking station

Docking station (desk) with additional ports 2x USB, RS232, RJ-45.

Check

Suitcase strap

Suitcase strap allows for a stable and secure grip in one hand.

Check

Wrist strap

Wrist strap allows for comfort in using of durable tablet.

Check

Shoulder strap

Shoulder strap increases comfort for the user and significantly reduces the risk of dropping the tablet

Check

Standard battery 8000mAh

Standard battery for industrial tablet. Big capacity - 8000mAh.

Check

Magnetic keyboard

Magnetic keyboard made of the highest quality material

Check

Standard adapter

Standard adapter for idustrial tablet

Check

The professional MobiPad T1300U armored tablet is offered in several versions adapted to various needs. By clicking on the hardware configuration number, we are redirected to the product with the parameters given in the table below. Moreover, at the customer's request, it is possible to create a configuration currently unavaible in the offer.

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