WiFi

IP68

Windows

GPS

Bluetooth™

4G

Rugged Industrial tablet MobiPad MP4617

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Windows 10 (no license)
Display:	7" (1280x800) IPS LCDCapacitiveSunlight readable 800 nits
Brightness:	800nits
Processor:	Intel ApolloLake N3350 (2x 1.1GHz)
Memory:	4GB
Hard Drive:	64 GB eMMC
Flash Memory:	Yes
Touch screen:	Tak
Durability:	IP68
Drop:	1.5 meters
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +55°CStorage temperature: -40°C -- +70°C
Humidity:	5% - 95% non-condensing
1D barcode scanner (reader):	none
2D barcode scanner (reader):	none

RFID scanner (reader):	none
Other:	Digital Compass | Gravity Sensor
Battery:	11.4V 2900 mAh Lithium
Working time on battery:	Operating time (depending on usage) - 8h
Fast battery replacement ability:	No
HotSwap battery:	Yes
LAN:	-----
WLAN:	IEEE 802.11 a/b/g/n
Bluetooth:	Bluetooth 4.2
WAN:	GSM: 900/1800/1900 B2/B3/B8WCDMA: 850/1900/2100 B1/B2/B5FDD-LTE: 1800/2100/2600 B1/B3/B7LTE_TDD:2555-2655MHz/:2300-2400MHz B41/B40
GPS:	Support GPS, DBS, GLONASS
Camera:	Front: 2MpxRear: 8Mpx
In/Out:	USB - C | USB 3.0 | Pogopin | DC
Optional accessories:	-----
Docking station connector:	-----
VESA standard – holders and mounts support:	-----
COM port:	No
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	800:1
Graphics card:	Intel® HD Graphics 500
Chipset:	-----
BIOS:	-----
Casing material:	high quality plastik and rubber
Flash Card Reader:	-----
CD/DVD:	-----

Audio:	Build-in Microphone | Build-in Speaker| Audio Jack
Keyboard:	Touch + Functional buttonsON/OFF
Additional Navigation Devices :	-----
Color:	black
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	IP68
Waterproof:	IPX8
Sand and dust:	IP6X
Size:	207mm*138mm*19.8mm750g
Fanless casing:	Yes

5 986,71 zł
net price: 4 867,24 zł

TECHNICAL SPECIFICATION

RESISTANCE AND DURABILITY

CONNECTIVITY AND COMMUNICATION

DEVICE APPLICATION

AVAILABLE VERSIONS

Small dimensions industrial MobiPad MP4617 excel in environments where dust, dirt and moisture predominate. They are ideal for applications requiring quiet operation. Small and reliable umpc use heat-pipe technology and plastic fins for passive cooling. The robust industrial laptop is a device designed for all industrial and non-continuous applications requiring continuous operation - 24 hours, 7 days a week.

Reinforced housing

The reinforced MobiPad umpc case is resistant to mechnical damage and external factors such as temperature difference.

Lightweight design

The umpc weight does not exceed 1.0 kg, so it can be conveniently carried in a bag or backpack.

Efficent components

The Cortex by Qualcomm quad - core CPU provides improved device performance.

Wireless network

The umpc can be connected to nearby wireless networks by equipping it with an installed Wi-Fi module.

eMMC Quick start

A modern eMMC memory will increase the speed of application programs.

Passive cooling

The use of passive cooling in the umpc ensures silent operation and slows dust deposition.

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SPECIFICATION

Performance	
Processor	Intel ApolloLake N3350, 1.1GHz
Graphic Card	Intel® HD Graphics 500
Operating system	Windows 10
RAM	4 GB

Performance

Drive	64 GB eMMC

Interfaces

Connectivity	Wi-Fi IEEE (802.11 a/b/g/n ; 2.4 GHz/5GHz) LTE, HSPA+, UMTS, EDGE, GPRS, GSM Bluetooth 4.2
Connectors	1x USB Type C 1x USB 3.0 2x Function Key Docking Station Pin 3x External Antenna Pogo Pin

Other

Available colors	Black
Dimensions	207 mm x 138 mm x 19.8 mm
Weight	0.750 kg

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

EFFICIENT PROCESSOR

The industrial umpc MobiPad MP4617 uses an efficient and energy-saving Qualcomm Quad Core processor. Inside it there are four cooperating cores enabling more efficient processing of many tasks at the same time. The shared cache memory in which the multilevel hierarchy is used is dynamically allocated to each processor core depending on the load. This reduces the average access time

to the main memory.

For Vehicle docking fixed

Type-C

USB 3.0

Power Key

function key A

function key B

Kensington locker

DC-in

35pin Expansion Bus Connector

External Antenna – Wi-Fi - 4G - GNSS

DIMENSIONS

19.8 mm

138 mm

207 mm

PASSIVE COOLING

The industrial MobiPad umpc uses a proven cooling system, based only on solid elements, mainly heat sinks. The system uses the phenomenon of metals passing thermal energy into the environment - there are no additional moving elements in the form of eg fans. This solution ensures noiseless operation, lower failure rate and greater protection against dust and other dirt while reducing the amount of energy consumed.

HOT SWAP BATTERY

The battery used in the tablet with the Hot Swap function allows you to instantly replace the battery without having to turn off the device.

go up...

RESISTANCE

TEMPERATURES

MP4617 by MobiPad is designed for continuous operation in both very low and high temperatures ranging from -10 ° C to 65 ° C and 0 ° C to ~55 ° C when device was charging. If the device is switched off, it can already handle temperatures in the range of -20 ° C to ~70 ° C.

Work temp.	-10°C — ~65°C
Storage temp.	-20°C — ~70°C
Humidity	10% — 95%

MECHANICAL DAMAGE

The passive cooling system used in the umpc combined with the eMMC memory make this computer very resistant to various types of mechanical injuries. An additional advantage of industrial computers is a solid construction made of high quality plastic and specially designed in such a way that in addition to high efficiency in heat dissipation, it can also resist any external damage.

go up...

WIRELESS NETWORK

The dual-band Wi-Fi module provides quick access to the network wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a router at home or place of residence and a wireless network that can be used at no extra charge. Industrial umpc 214 has been equipped the standard of - 802.11(a/b/g/n), which allows transfer of files at a dizzying speed of up to 300 Mb / s.

4G

The industrial tablet MobiPad MP4617 uses a 4G module that allows data transmission speeds above 25 Mb/s.

APPLICATIONS

TRADE AND SERVICES

Industrial umpc is an ideal tool to support us in the implementation of many activities in the field of trade, small dimensions increase the possibility of its adaptation to activities such as issuing invoices or preparing documentation, which in turn allows us to convenient and optimal sales management.

WAREHOUSE AND LOGISTICS

Thanks high performance an industrial umpc can be used to connect multiple devices in a warehouse and make their management much easier. Its rugged casing and the fanless cooling system are ideal for harsh environments in such rooms. The solid construction guarantees long-lasting work, even in environments with high dustiness and dirt.

WORKSHOP AND DIAGNOSTIC

With the help of dedicated connectors supported by our tablet, it can be used as a diagnostic tool for cars and machines with an on-board computer, thanks to which we are able to independently detect faults and also test specific systems.

> (i) More pictures of the device available in the "Gallery" tab.

VERSIONS

The MobiPad MP4617 industrial tablet is offered in the second version without the 4G module. In addition, you can configure the tablet to your own needs using the configurator.

	v.1	v.2
4G	—	+