



Industrial tablet MobiPad P110

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 5.1
Display:	7.0 HD (1280 x 800px)
Brightness:	~300Nit
Processor:	Qualcomm MSM8909, Cortex A7 Quad Core 1.2GHz
Memory:	2GB
Hard Drive:	-----
Flash Memory:	16GB
Touch screen:	Yes - Capacitive
Durability:	IP65
Drop:	1.2m
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- 55°C
Humidity:	0% --70%
1D barcode scanner (reader):	-----
2D barcode scanner (reader):	-----

RFID scanner (reader):	NFC 13.56MHz
Other:	-----
Battery:	7000mAh Polymer Lithium
Working time on battery:	6h
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	-----
WLAN:	IEEE 802.11 a/b/g/n2.4GHz/5.0GHz
Bluetooth:	Bluetooth v4.0
WAN:	4G: EVDO: 800/1900 MHz, FDD-LTE: B1/2/3/4/5/B7/B8/20, TDD-LTE: B38/B39/B40/B41 3G: WCDMA: 850/900/1900/2100MHz 2G: GSM: 850/900/1800/1900MHz
GPS:	GPS + AGPS
Camera:	Rear: 8Mpx, Flash, AutofocusFront: 2Mpx
In/Out:	Micro SD SIM Micro USB Audio Jack
Optional accessories:	-----
Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	Adreno 330
Chipset:	-----
BIOS:	-----
Casing material:	High quality plastic and rubber
Flash Card Reader:	micro SD (max. 32GB)
CD/DVD:	-----

Audio:	Built-in microphone and speaker
Keyboard:	Onscreen
Additional Navigation Devices :	-----
Color:	Black or Yellow
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IPx7
Sand and dust:	IP6x
Size:	213mm x 141mm x 20mm - 650g
Fanless casing:	Yes

Product from the Archive - production finished



Specification

The collection and processing of data

Resistance

Modules and wireless networks

Application

Minimalism and comfort

Industrial tablet MobiPad P110 has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP67 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.

Specification

Processor	Qualcomm MSM8909, Cortex A7 Quad Core 1.2GHz
RAM	2GB
Flash memory	16GB
Connectors	SIM Micro SD Micro USB Audio Jack
Display	7.0 HD (1280 x 800px)
GPS	GPS + A-GPS
Audio	Built-in speaker and microphone
Battery	7000mAh Polymer Lithium
Keyboard	On-Screen
Operating system	Android 5.1
Modules	Bluetooth Wi-Fi GPS/A-GPS 2G/3G/4G
Readers (optional)	NFC
Dimensions	213mm x 141mm x 20mm

Weight	650g
Resistance	IP67

Check "Available versions" tab to see available configurations of this device. To get more information about this product click "**Ask about the product**" or use the [Contact form](#).



MobiPad P110 is offered with the latest Qualcomm MSM8909 processor to ensure the highest performance, low power consumption and long battery life. The data collector works with Android 5.1 operating system to meet the growing requirements in industrial applications.



Select the version dedicated to yourself

Select a version tailored to your needs. Clicking on the hardware number configurations will redirect you to the product with parameters listed below. At the customer's request can be created configurations which are not available in the offer. Detailed parameters are available in the "Technical Data".

The collection and processing of data

[back to top...](#)

NFC

Near field communication (NFC) is a set of ideas and technology that enables smartphones and other devices to establish radio communication with each other by touching the devices together or bringing them into proximity to a distance of typically 10 cm (3.9 in) or less.



Frequency	13.56MHz
Protocols	ISO/IEC 14443
Read distance	~5cm

Resistance

[back to top...](#)



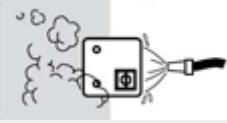
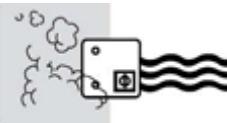
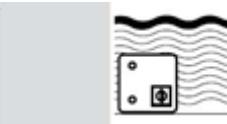
Work temperature	-20 to 55
Storage temperature	-20 to 75
Humidity	0% - 70% (non-condensing)
Dust resistance	IPx6
Water resistance	IPx7
Drop resistance	1.2m

Resistance IP67



IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or the IEC. The system is now being used to classify different degrees of protection against intrusion or immersion. The IP rating is usually followed by two digits. The first indicates the level of dust-resistance, the second water resistance. Dust-resistance levels goes from 0 up to 6 while water-resistance goes from 0 to 8.

No protection	0		0	No protection
Protection against any large surface of the body, such as the back of a hand	1		1	Protection against vertically dripping water
Protection from object > 12mm, e.g. Fingers or similar objects	2		2	Protection against vertically dripping water when device is tilted at an angle up to 15 degrees
Protection from object > 2.5mm, e.g tools, thick wires, etc.	3		3	Protection against direct sprays of water when device is tilted at an angle up to 60 degrees
Protection from object > 1mm, e.g. most wires, slender screws, large ants etc.	4		4	Protection from sprays and splashing of water in all directions

Dust protected - Ingress of dust is almost entirely prevented.	5  5	Protection from low pressure water projected from a nozzle with a 6.3mm diameter opening in any direction
Dust tight - No ingress of dust, complete protection against contact.	6  6	Protection from water projected in powerful jets from a nozzle with a 12.5mm diameter opening in any direction
—	7  7	Protected from immersion in water with a depth of up to 1 meter (or 3.2ft) for up to 30 mins
—	8  8	Protected from immersion in water with a depth of more than 1 meter



Modules and wireless networks

Real-time data access to the right information is very important to mobile users. MobiPad P110 offers 4G, GPS, WiFi 802.11 a/b/g/n and Bluetooth 4.0 which enable users to get connect in the way that best suits their needs. With built-in 13 Mega Pixels camera on rear side, users can instantly capture photos, videos or documents.

The latest WiFi wireless module operating in 802.11n provides a very fast and secure communication with the kolektor danych such as a router, providing a fast and convenient web browsing, smooth playback of HD video.



Thanks to the WCDMA module, you only need to insert a SIM card in the slot and you are able to instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal 4G module used in MobiPad P110 adjusts automatically to transfer and network coverage.

Wi-Fi	802.11 a/b/g/n
GPS	GPS + A-GPS
Bluetooth	Bluetooth v4.0
WWAN	4G: EVDO: 800/1900 MHz, FDD-LTE: B1/2/3/4/5/B7/B8/20, TDD-LTE: B38/B39/B40/B41 3G: WCDMA: 850/900/1900/2100MHz 2G: GSM: 850/900/1800/1900MHz
Phone calls	Yes

Application

[back to top...](#)

Industrial data collector MobiPad P110 is specifically designed for use in harsh industrial environments, as well as on the outside. Resistant plastic housing protects the display from the outside against mechanical damage, drops of water, sand and dust. MobiPad P110 is the best solution in conditions where there is dust or moisture.



Data collectors in the form of tablets and smartphones, thanks to its functionality and the ability to install in them a number of modules have been used in almost all fields of industry and not only. Collectors equipped with barcode scanners and RFID are primarily used in warehouses where, thanks to them, time-consuming activities will no longer be a problem. In turn, NFC readers can be used in both the smaller and larger stores as a payment card reader, making the payment becomes fast and convenient as never before.

Minimalism and comfort

[back to top...](#)

You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, this problem disappears forever with MobiPad P110. The device weighs just 650g and its dimensions (213mm x 141mm x 20mm) allow you to take this device everywhere.



You can find more photos of this device in [Gallery](#). Specification of the given version is available in the [Technical data](#) tab.

