IP 67

4G

NFC))

Industrial tablet MobiPad 2HV

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 6.0 Marshmallow
Display:	7.0 HD (1280 x 800px)
Brightness:	~300Nit
Processor:	MTK6735 64-bit Quad Core 1.3GHz
Memory:	2GB
Hard Drive:	-----
Flash Memory:	16GB
Touch screen:	Yes - Capacitive
Durability:	IP67
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/n2.5GHz/5.0GHz
Bluetooth:	Bluetooth v4.0
WAN:	**SIM1:**4G: FDD-LTE B1/B3/B7/B8/B203G: WCDMA 900/1800/2100MHz2G:GSM:850/900/1800/1900MHz**SIM2:**2G: GSM:850/900/1800/1900MHz
GPS:	GPS + AGPS
Camera:	Rear: 13Mpx, Flash, AutofocusFront: 2Mpx
In/Out:	Micro SDSIMMicro SIMMicro USBAudio 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:	Mali-T720
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:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IPx7
Sand and dust:	IP6x
Size:	215.56mm x 135.8mm x 18.9mm - 555g
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 2HV 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	MTK6735 64-bit Quad Core 1.3GHz
RAM	2GB
Flash memory	16GB
Connectors	SIM	Micro SIM	Micro SD	Micro USB
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 6.0 Marshmallow
Modules	Bluetooth	Wi-Fi	GPS/A-GPS	2G/3G/4G
Readers (optional)	NFC
Dimensions	215.56mm x 135.8mm x 18.9mm
Weight	555g
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 2HV is offered with the latest MTK6735 processor to ensure the highest performance, low power consumption and long battery life. The data collector works with Android 6.0 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

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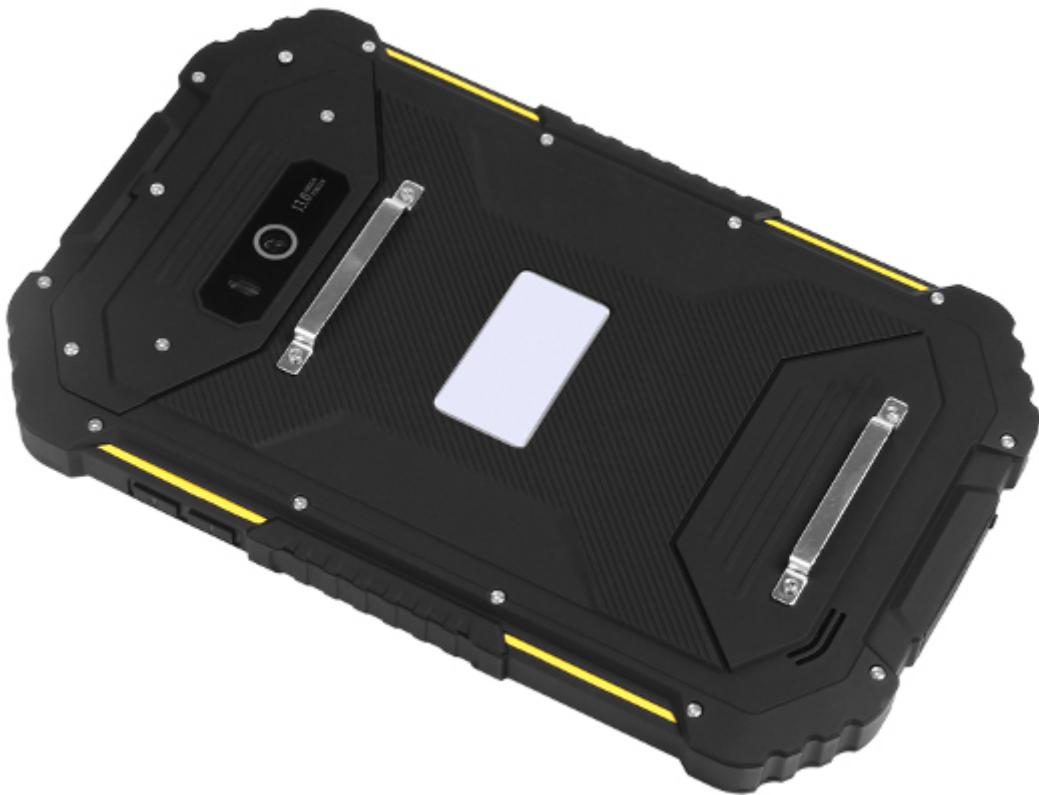
Frequency	13.56MHz
Protocols	ISO/IEC 14443
Read distance	~5cm

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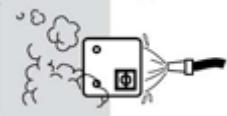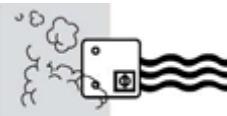
Work temperature	-20 to 55
Storage temperature	-20 to 75
Humidity	0% - 70% (non-condensing)
Dust resistance	IPx6
Water resistance	IPx7
Drop resistance	1.2m

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 2HV 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 tablet 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 2HV 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: FDD-LTE B1/B3/B7/B8/B20
	3G: WCDMA 900/1800/2100MHz
	2G: GSM:850/900/1800/1900MHz
Phone calls	Yes

Application

Industrial data collector MobiPad 2HV 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 2HV 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

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 2HV. The device weighs just 555g and its dimensions (215.56mm x 135.8mm x 18.9mm) allow you to take this device everywhere.

User Manual

GSM/CDMA移动电话
三包凭证卡

合格证

品　名：　GSM移动电话 □　　　检验员
　　　　　CDMA移动电话 □
生产日期：　201　年　月　日

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