



Industrial Data Collector MobiPad MV1HP v.2

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 6.0
Display:	5" 1280x720 HD IPS Gorilla Glass Capacitive
Brightness:	-----
Processor:	MTK6735 Quadcore 1.3MHz
Memory:	2GB
Hard Drive:	-----
Flash Memory:	16GB
Touch screen:	Yes
Durability:	IP68
Drop:	1.2 meters
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +60°CStorage temperature: -30°C -- +70°C
Humidity:	95% (no condensation)
1D barcode scanner (reader):	-----

2D barcode scanner (reader):	2D (CMOS) Motorola Symbol SE4750
RFID scanner (reader):	NFC 13.56 MHz ISO/IEC 14443A ISO/IEC 14443B PCD 106 kbit/s do 848 kbit/sISO/IEC 14443A ISO/IEC 14443B PICC 106 kbit/s do 424 kbit/sISO/IEC 15693od 3 do 5 cmMifare(Mifare 1K/4K)
Other:	-----
Battery:	3.7V 4500mAh Li-Ion
Working time on battery:	>14-15 talking time, standby up to 30 days
Fast battery replacement ability:	Yes
HotSwap battery:	-----
LAN:	No
WLAN:	802.11 b/g/n (2.4G,5G)
Bluetooth:	Bluetooth 4.0
WAN:	GSM: B5/850; B8/900; B3/1800; B2/1900 3G WCDMA: B1/2100; B2/1900; B5/850; B8/900
GPS:	Built-in
Camera:	No
In/Out:	1 x microUSB, 1 x USB Type C, 1 x AudioJack , DualSIM(2x MicroSIM lub 1x MicroSIM + 1x MicroSD[max.32GB]
Optional accessories:	-----
Docking station connector:	-----
VESA standard – holders and mounts support:	-----
COM port:	-----
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	-----
Chipset:	-----
BIOS:	-----
Casing material:	high quality plastic and rubber

Flash Card Reader:	microSD (max. 32GB) integrated with DualSIM
CD/DVD:	-----
Audio:	AudioJack : Built-in Speaker : Microphone
Keyboard:	Numeric (+ function keys) : On-screen
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	No
TV Out:	-----
TV Tuner:	-----
Security:	-----
Waterproof:	IP68
Sand and dust:	IP68
Size:	163 × 82 × 15mm- 250g
Fanless casing:	Yes

Product from the Archive - production finished



MobiPad **MV1HP** has a specially designed, reinforced structure, adapted to harsh environmental conditions. Similarly, as the equipment produced for the military, meets the requirements of IP68 norm. Thanks to its structure is resistant to dust and water. The device is proper for use in the home and industry.



mobilator.pl

Processor	Qualcomm MSM8916 Quad-Core 1.3GHz
Display	5" (1280x720) IPS Gorilla Glass Capacitive
RAM	2GB
ROM	16GB
Connectors	microUSB DualSIM (2x MicroSIM or 1x MicroSIM + 1x MicroSD)
GPS	GPS
Audio	AudioJack Speaker Microphone
Camera	Front: 2Mpx Rear: 8Mpx + LED Flash
Battery	3.7V 4500mAh Li-Ion
Keyboard	Numeric (+function keys) + On-Screen
Environment	Android 6.0
Modules(optional)	3G WiFi Bluetooth GPS NFC
Dimensions	163mm*82mm*15mm
Resistance	IP68
Readers(optional)	1D (Laser) 2D (CMOS)

Select a version for each other

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"**.

	1D(Laser) Motorola SE955	2D(CMOS) Motorola SE4750	2D(CMOS) Honeywell N3680	3G	WiFi	Bluetooth	GPS	NFC
v.1	✓	-	-	✓	✓	✓	✓	✓
v.2	-	✓	-	✓	✓	✓	✓	✓
v.3	-	-	✓	✓	✓	✓	✓	✓

Barcode Scanner

Barcode Reader allows you to read, decode and transfer stored data in barcode to your computer. Thanks to dynamic scanning method and the large range of reading, data collector is capable to carefully collecting data, which helps to increase the rate and efficiency of work. Simplified installation procedure, convenient and intuitive design allow to start scanner work very easy and quickly.



1D Laser
2D CMOS

Near Field Communication (NFC)

Its 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 or less.



	NFC
Frequency	13.56 MHz
Reading distance	od 3 do 5 cm
Supported card standard	Mifare(Mifare 1K/4K)
Supported standards	ISO/IEC 14443A ISO/IEC 14443B PCD 106 kbit/s do 848 kbit/s
	ISO/IEC 14443A ISO/IEC 14443B PICC 106 kbit/s do 424 kbit/s
	ISO/IEC 15693

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Applicable standards

Operating	-20°C -- +60°C
Storage	-30°C -- +70°C
Humidity	95% RH non-condensing
Dust	IP6x (dust)
Water	IPx8 (water)
Drop	1.2m



IP65 Resistance

IP stands for Ingress Protection and is essentially a rating system developed by the International Electrotechnical Commission or IEC. This 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 special protection	0		0	No waterproofing
Protection from solid objects greater than 50mm in diameter	1		1	Protection from dripping water
Protection from solid objects greater than 50mm in diameter	2		2	Protection from vertically dripping water (tilted)
Protection from object not greater than 2.5mm in diameter	3		3	Protection from sprayed water (tilted up to 60°)



When device is equipped with the **WCDMA** module, you need only insert a SIM card in the special slot and you are able instantly connect to the internet. Integrated software allows you to automatically detect and configure connections to mobile networks. Internal **3G** module allows **MobiPad MV1HP** to adjust automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.

WiFi	802.11 b/g/n
GPS	Yes
Bluetooth	Bluetooth V4.0
3G	GSM: B5/850; B8/900; B3/1800; B2/1900 3G WCDMA: B1/2100; B2/1900; B5/850; B8/900
	The ability to make voice calls



You no longer need to worry about whether you will put your device into a briefcase, backpack or travel bag, the problem disappears when you have MobiPad MV1HP. The device weighs just 250g and its dimensions (163 x 82 x 15mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that **MV1HP** is in a group of devices which enjoy great popularity in the market in the industrial segment.

Dimensions

163 × 82 × 15mm

Weight

250g



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[more photos in the "Photo Gallery" ...](#)

specification of this version is available in the "Technical data" ...

product **does not have** any accessories in set...