



Industrial Data Collector MobiPad MPS8W
2D 3Y v.1

Category:	UMPC - Ruggedized
Manufacturer:	Mobilator
Operating System:	Android 5.1
Brightness:	-----
Processor:	Cortex-A53 Quad-Core 1.2GHz
Memory:	2GB
Hard Drive:	-----
Flash Memory:	16GB
Touch screen:	Yes
Durability:	IP67
Drop:	1.5 meters
Shock:	-----
Vibration:	-----
Temperature:	Operating temperature: -20°C -- +50°C Storage temperature: -20°C -- +60°C
Humidity:	5% - 95% (no condensation)

1D barcode scanner (reader):	-----
2D barcode scanner (reader):	2D (CMOS) Honeywell N6603
RFID scanner (reader):	NFC (13.56MHz) ISO 14443, ISO 15693, ISO 18092
Other:	-----
Battery:	3.8V 4000mAh Li-Ion (Removable) Built in 3.7V 60mAh Li-Ion backup battery - HotSwap
Working time on battery:	>12 hours
Fast battery replacement ability:	Yes
HotSwap battery:	Yes
LAN:	No
WLAN:	802.11 a/b/g/n
Bluetooth:	Bluetooth 4.0
WAN:	4G/3G/GPRS/WCDMA/CDMA GSM 850/900/1800/1900 MHz CDMA 1x /EVDO :BC00, WCDMA : Band1,Band2,Band5,Band8, TD-SCDMA : Band34,Band39
WAN:	4G/3G/GPRS/WCDMA/CDMA GSM 850/900/1800/1900 MHz CDMA 1x /EVDO :BC00, WCDMA : Band1,Band2,Band5,Band8, TD-SCDMA : Band34,Band39
GPS:	Built-in
Camera:	Rear: 8Mpx (Auto Focus, Flash)
In/Out:	1 x microUSB 2.0, 1 x AudioJack , 1 x Micro SD(max.32GB), 1 x SIM
Optional accessories:	Pistol gripHand StrapHand BeltCapacitive StylusHolsterDocking StationFive Slot Battery ChargerFour Slot Battery ChargerSingle Slot Battery Charger
Docking station connector:	Yes
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)
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:	IP67
Sand and dust:	IP67
Size:	156 × 70 × 27mm- 270g
Fanless casing:	Yes

Product from the Archive - production finished



2D



4G **NFC**



Bluetooth

MobiPad MPS8W 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.



Processor	Cortex Quad-Core 1.2GHz
Display	4" (800x480) IPS Capacitive
RAM	1GB 2GB (depends of version)
ROM	8GB 16GB (depends of version)
Connectors	microUSB Micro SD SIM
GPS	GPS
Audio	AudioJack Speaker Microphone
Camera	Rear: 5Mpx 8Mpx (depends of version)
Battery	3.8V 4000mAh Li-Ion
	3.7V, 60mAh Li-Ion (HotSwap - depends of version)
Keyboard	Numeric (+function keys) + On-Screen
Environment	Android 4.4 Android 5.1 (depends of version)
Modules(optional)	3G 4G WiFi Bluetooth GPS NFC
Dimensions	156mm*70mm*27mm
Resistance	IP67
Readers	2D Honeywell N6603(factory) 1D Motorola SE965(optional)

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"**.

	v.1	v.2	2Y v.1	3Y v.1	v.3	v.4
Android 4.4	-	✔	-	-	-	✔
Android 5.1	✔	-	✔	✔	✔	-
8GB ROM Memory	-	✔	-	-	-	✔
16GB ROM Memory	✔	-	✔	✔	✔	-
1GB RAM Memory	-	✔	-	-	-	✔
2GB RAM Memory	✔	-	✔	✔	✔	-
Motorola SE965	-	-	-	-	✔	✔
Honeywell N6603	✔	-	✔	✔	-	-
Motorola SE4500	-	✔	-	-	-	-
Camera 5Mpx	-	✔	-	-	-	✔
Camera 8Mpx	✔	-	✔	✔	✔	-
HotSwap	✔	-	✔	✔	✔	-
2 years warranty	-	-	✔	-	-	-
3 years warranty	-	-	-	✔	-	-

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.



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 5 cm or less.

NFC



	NFC
Frequency	13.56 MHz
Reading distance	od 1 do 5 cm
Supported standards	ISO 14443
	ISO 15693
	ISO 18092

[go top...](#)

Applicable standards

Operating	-20°C -- +50°C
Storage	-40°C -- +60°C
Humidity	5% - 95% RH non-condensing
Dust	IP6x (dust)
Water	IPx7 (water)
Drop	5ft./1.5m



IP67 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 up to 15°)
Protection from object not greater than 2,5mm in diameter	3		3	Protection from sprayed water (tilted up to 60°)



4G



GPS

Bluetooth

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**(or **4G**) module in MobiPad MPS8W adjusts automatically to transfer and network coverage. Built-in speaker and microphone allows you to make voice calls.

WiFi	802.11 a/b/g/n
GPS	Yes
Bluetooth	Bluetooth 4.0
WWAN	GSM: Quad Band(850/900/1800/1900Mhz)
	TD-SCDMA:Band34,Band39
	WCDMA:Band1,Band2,Band5,Band8
	CDMA 1x /EVDO :BC0
	TDD-LTE:Band38,Band39,Band40,Band41
	FDD-LTE:Band1,Band3,Band7
	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 MPS8W. The device weighs just 270g and its dimensions (156 x 70 x 27mm) allow you to take this device everywhere. Professional performance and energy efficiency makes, that MPS8W is in a group of devices which enjoy great popularity in the market in the industrial segment.

Dimensions	156 × 70 × 27mm
Weight	270g

Quick change battery

Friendly design allows for fast replacement of the battery. This is useful when you working in the field with difficult conditions, where there is no additional power sources and the time is very important.



Customized for Your needs

From now We offer possibility to choose keyboard to **MobiPad MPS8W**. Thanks this solution You can customize your device much more to maximize efficiency. Below short description:

» **Standard** - get additional functional buttons and bind them to open installed applications like flashlight, messages or facebook,

» **Alphanumeric** - makes possible to write text by device's keyboard - same like in old generation cell phones,

» **22 buttons** - standard keyboard with 4 navigation buttons and one to block touch screen(operating by navigation buttons).

