



## Rugged Tablet Emdoor I22K NFC 2D - Win Enterprise License

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	Mobikator
<b>Operating System:</b>	Windows 10 IOT Enterprise
<b>Display:</b>	12.2" (1920*1200) 16:10IPS   GORILLA GLASS
<b>Brightness:</b>	280nits
<b>Processor:</b>	Intel Kabylake Core m3-7Y30 (2x 1GHz)
<b>Memory:</b>	4GB DDR3L
<b>Hard Drive:</b>	<b>128GB SSD</b>
<b>Flash Memory:</b>	Yes
<b>Touch screen:</b>	Yes - capacitive (5-points)
<b>Durability:</b>	IP65
<b>Drop:</b>	-----
<b>Shock:</b>	-----
<b>Vibration:</b>	-----
<b>Temperature:</b>	Operating: -10°C -- +50°C Storage temperature: -30°C -- +70°C <b>MIL-STD-810G</b>
<b>Humidity:</b>	-----
<b>1D barcode scanner (reader):</b>	Honeywell N3680 (CMOS)
<b>2D barcode scanner (reader):</b>	Honeywell N3680 (CMOS)

<b>RFID scanner (reader):</b>	NFC 13.56MHz Support: ISO/IEC14443A/14443B/15693/18092/mifareRead distance: 4cm
<b>Other:</b>	G-Sensor
<b>Battery:</b>	Li-Poly 7.4V 6300mAh/1000mAh
<b>Working time on battery:</b>	6-8 hours (depending on usage)
<b>Fast battery replacement ability:</b>	Yes
<b>HotSwap battery:</b>	No
<b>LAN:</b>	Yes
<b>WLAN:</b>	802.11 a/b/g/n
<b>Bluetooth:</b>	Bluetooth 4.1
<b>WAN:</b>	<b>Yes - WCDMA(3G)</b>
<b>GPS:</b>	<b>U-blox NEO-7 (GPS+Beidou)</b>
<b>Camera:</b>	Front: 2MpxRear: 5Mpx
<b>In/Out:</b>	1x HDMI 1.4a (type C)1x LAN1x MicroSD card reader(max.64GB)2x USB 2.01x USB 3.02x COM(RS232,RS485)Docking portDC InSIM
<b>Optional accessories:</b>	Docking Station>Stand for tablet
<b>Docking station connector:</b>	Yes
<b>VESA standard – holders and mounts support:</b>	No
<b>COM port:</b>	Yes
<b>Magnetic card reader (MSR):</b>	-----
<b>Microchip card reader:</b>	-----
<b>Contrast:</b>	-----
<b>Graphics card:</b>	Intel HD Graphic
<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	-----
<b>Flash Card Reader:</b>	Micro SD
<b>CD/DVD:</b>	-----

<b>Audio:</b>	Built-in Microphone   Audio Jack   2x - Speaker 0.8W/8Ω
<b>Keyboard:</b>	on-Screen   Function keys   Volume +   Volume -   Power   Functional
<b>Additional Navigation Devices :</b>	-----
<b>Color:</b>	-----
<b>Swivel Hinge:</b>	-----
<b>VGA out:</b>	-----
<b>TV Out:</b>	-----
<b>TV Tuner:</b>	-----
<b>Security:</b>	IP65   MIL-STD-810G
<b>Waterproof:</b>	IPX5
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	319.6*216*23.4 mm - 1500 (with battery)
<b>Fanless casing:</b>	Yes

**Product from the Archive - production finished**

# MobiPad I22K

 Windows 10



**mobilator**.pl<sup>TM</sup>

Emdoor I22K is a new proposal 12.2 - inch tablet works with Windows 10. The tablet has a specially designed, reinforced structure, adapted for use in harsh environmental conditions. The device works great when in the home and industrial use.



Emdoor I22K is offered with the latest dual-core Intel Kabylake Core m3-7Y30 to ensure the highest performance, low power consumption and long battery life. The tablet works with Windows 10 operating system to meet the growing requirements in industrial applications.

Processor	Intel Kabylake Core m3-7Y30 (2x 1GHz)
Graphics	Intel HD Graphics 515
Display	12.2" (1920*1200) 16:10   Sunlight Readable ( <b>optional</b> )
Type of display	IPS   Gorilla Glass   Capacitive (5-punktowy)
LED	Power
Brightness	280nits
RAM	4GB DDR3L
ROM	128GB FLASH
Connectors	HDMI 1.4a Typu C   Czytnik MicroSD   Slot kart SIM   USB 2.0/3.0   LAN RS232   RS485   Dokowanie   DC In
GPS (optional)	U-blox NEO-7
Audio	Built-in Microphone   Audio Jack   2x - Speaker 0.8W/8Ω
Camera	FRONT: 2Mpx
<b>New Portable Devices   NIP: 872-120-56-82   Mobile.: +48 508 235 505   e-mail: sklep@mobilator.pl</b> <b>Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078</b>	
Battery	Li-Poly 7.4V 6300mAh/1000mAh

OS

Windows 10 IoT Enterprise

Modules 802.11 a/b/g/n : Bluetooth 4.1

Dimensions 319.6\*216\*23.4 mm - 1500g (with battery)

Resistance IP65

Readers (optional) **4G | NFC | 1D Scanner | 1D/2D Scanner**

Sensors (factory) G-Sensor

Warranty 12 months



Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the **contact form**.



## 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

v.3

v.4

v.5

v.6

v.7

Windows 10 Home  
New Portable Devices

| NIP: 872-120-56-82 | Mobile.: +48 508 235 505 | e-mail: sklep@mobilator.pl

Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

Windows 10 IoT Enterprise	-	-	+	-	+	-	-
1D Motorola	-	-	-	-	-	-	-
2D Honeywell	-	-	-	-	-	+	-
4G	-	-	-	+	+	-	-
NFC	-	-	-	-	-	+	+
	<b>v.8</b>	<b>v.9</b>	<b>v.10</b>	<b>v.11</b>	<b>v.12</b>	<b>v.13</b>	
Windows 10 Home	-	-	-	-	-	-	
Windows 10 IoT Enterprise	-	-	-	-	+	+	
1D Motorola	+	+	+	-	-	-	
2D Honeywell	-	-	-	+	+	+	
4G	-	-	+	-	-	+	
NFC	-	+	+	-	+	+	

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## Barcode Scanner

Quick and accurate identification of the object relieves the warehouseman and does not create a bottleneck in logistics processes. 2D barcode reader allows you to read, decode and send to your data stored in the bar code. With dynamic scanning capabilities and wide range of reading Emdoor device and MMP quickly and accurately retrieves the data, which helps to increase the rate and efficiency.



Model	Motorola SE665	Honeywell N3680
Type of scanner	1D	1D/2D
Display type	Laser	CMOS



## 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 or less.

	NFC
Frequency	13.56 MHz
Reading distance	to 4 cm
Supported standards	ISO/IEC 14443 A/B
	ISO/IEC 15693
	ISO/IEC 18092





## Standards

In terms of device ruggedness, the I22K can withstand a 4-foot drop, and with IP65 sealing, where the first digit "6" means the device is dustproof and the second digit "5" means that the device has the ability to handle low pressure water jets from all directions. The tablet can operate in temperature range of -20° to 60°C, optimized for most industrial deployments. I22K is a sharp looking, sturdy and powerful device that can hold up well against use in harsh environment with its industrial grade rugged design.

Operating temperature	-20°C -- +60°C
Storage temperature	-30C -- +70°C

## MIL-STD 810G

Durability is one of the most important factors to consider when choosing mobile solutions, which is why Emdoor ensures that its fully rugged units operate even when dropped onto concrete, or used in harsh environmental conditions such as heat and cold, dust and rain. Rigorous tests that pass Emdoor products ensures that our customers receive products that meet the highest standards of durability and reliability. Emdoor ensures compliance with the most rigorous standards in this area - **MIL-STD 810G** according to test its products. This standard, set by the US military, is the most widely used international standard.

Dust	IP6x
Water	IPx5
Drop	1.0m

## The battery at its best

High quality Li-Polymer battery provides a long operating life under severe temperature conditions. With Emdoor I22K you can easily work out at temperatures as low as -20 ° C.

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Thanks **3G**(4G as option) module, user can connect with Internet by insert SIM card in right place.

WIFI	802.11 a/b/g/n
GPS (optional)	U-blox NEO-7
Bluetooth	Bluetooth 4.1
3G (optional)	WCDMA (900 / 2100 MHz)
4G (optional)	WCDMA/GSM/GPRS/EDGE (900/1800MHZ)







Real-time data access to the right information is very important to mobile users. I22K offers 3G, GPS, WiFi 802.11 a/b/g/n, Bluetooth 4.1 which enable users to get connect in the way that best suits their needs. With built-in 5.0 Mega Pixels camera on rear side, users can capture photos, videos, documents instantly, or utilize the front 2.0 Mega Pixel camera for application such as user self video recording, or video communication.

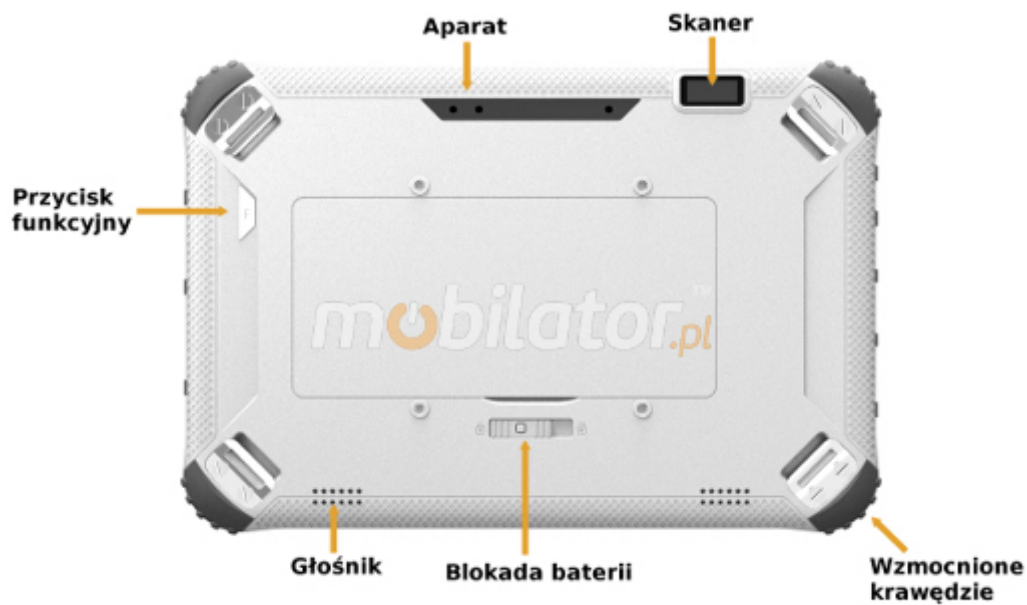


**Dimensions**

319,6\*216\*23,4 mm

**Weight**

1500g



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## Wrist strap (option)

Comfortable, leather wrist holder increases comfort and confidence of holding the tablet during long-term work.



## Keyboard + holder (option)

The Emdoor I22K tablet offers the perfect balance between mobility and comfort of use thanks to the possibility of fitting it with a detachable keyboard, which allows you to easily and quickly convert your tablet into a convenient, portable laptop with a touch screen.



## Shoulder holder (option)

Leather shoulder grip, allows you to keep the device in a comfortable position for long-term work even when standing.

