



Resistance industrial tablet Emdoor I88H  
Standard + 4G + Win 10 Pro License

|                          |   |
|--------------------------|---|
| <b>Category:</b>         | UMPC - Ruggedized   |
| <b>Manufacturer:</b>     | EMDOOR  |
| <b>Operating System:</b> | Windows 10 Pro  |
| <b>Display:</b>          | 8" (1280*800) 16:10LED   IPS  |
| <b>Brightness:</b>       | 320nits   |
| <b>Processor:</b>        | Intel® Atom™ Processor Z8350 (QUAD CORE 1.44 - 1.92GHz)                           |
| <b>Memory:</b>           | 2GB DDR3L   |
| <b>Hard Drive:</b>       | <b>32GB eMMC</b>  |
| <b>Touch screen:</b>     | Yes - capacitive  |
| <b>Durability:</b>       | IP67  |
| <b>Drop:</b>             | 1.2m - the entire temperature range MIL-STD-810G                                  |
| <b>Shock:</b>            | MIL-STD-810G  |
| <b>Vibration:</b>        | MIL-STD-810G  |
| <b>Temperature:</b>      | Operating: -10°C -- +50°C Storage temperature: -30°C -- +70°C <b>MIL-STD-810G</b> |

|  |   |
|--|---|
| <b>Humidity:</b>                                   | 95% non-condensing  |
| <b>1D barcode scanner (reader):</b>                | -----   |
| <b>2D barcode scanner (reader):</b>                | -----   |
| <b>RFID scanner (reader):</b>                      | -----   |
| <b>Other:</b>                                      | G-Sensor   Gyroscope   Electronic compass   |
| <b>Battery:</b>                                    | Li-Poly 3.7V 7500mAh  |
| <b>Working time on battery:</b>                    | 6-8 hours (depending on usage)8hrs(default 50% volumn default 200 nit brightness play 1080P HD Video)                       |
| <b>Fast battery replacement ability:</b>           | No  |
| <b>HotSwap battery:</b>                            | No  |
| <b>LAN:</b>  | -----   |
| <b>WLAN:</b>                                       | 802.11 a/b/g/n  |
| <b>Bluetooth:</b>                                  | Bluetooth 4.0 (LE)  |
| <b>WAN:</b>  | <b>GSM/WCDMA (850 / 900 / 1900 / 2100 MHz) HSUPA4G</b> LTE FDD/LTE   TDD/WCDMA/TD-SCDMA/GSM                                 |
| <b>GPS:</b>  | <b>u-Blox NEO-7 (GLONASS+QZSS+GPS)</b> Unicomrecomm UM220-III (GPS+Beidou) - (optional)                                     |
| <b>Camera:</b>                                     | FRONT: 2MpxREAR: 5Mpx   |
| <b>In/Out:</b>                                     | 1x - Czytnik SD (max 128GB)1x - Micro USB3.0 Host for Windows)1x 3.5mm Audio jack1x - mini HDMI 1.4a (typ C1x -SIM1x -DC-in |
| <b>Optional accessories:</b>                       | Docking Station1x - Charging port (device)  |
| <b>Docking station connector:</b>                  | -----   |
| <b>VESA standard – holders and mounts support:</b> | No  |
| <b>COM port:</b>                                   | No  |
| <b>Magnetic card reader (MSR):</b>                 | -----   |
| <b>Microchip card reader:</b>                      | -----   |
| <b>Contrast:</b>                                   | -----   |
| <b>Graphics card:</b>                              | Intel HD Graphic (Gen7)   |
| <b>Chipset:</b>                                    | -----   |

|  |   |
|--|---|
| <b>BIOS:</b>                           | -----   |
| <b>Casing material:</b>                | -----   |
| <b>Flash Card Reader:</b>              | SD Card Reader (wsparcie SDHC/SDXC)max. 128GB               |
| <b>CD/DVD:</b>                         | -----   |
| <b>Audio:</b>                          | Built-in Microphone   Speaker 0.8W/8Ω   Audio Jack          |
| <b>Keyboard:</b>                       | on-Screen   Function keysVolume +   Volume -   Power   Home |
| <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>                       | IP67  |
| <b>Waterproof:</b>                     | IP6x  |
| <b>Sand and dust:</b>                  | IPx7  |
| <b>Size:</b>                           | 220 x 143 x 14mm647g  |
| <b>Fanless casing:</b>                 | Yes   |

**Product from the Archive - production finished**



- Description
- NFC reader
- Resistance and strength
- Modules and wireless networks
- Functionality
- Optional accessories

Downs - resistant industrial tablet Emdoor I88H is a new 8 inch tablet that works with Windows 10 Home or Professional. The tablet has a specially designed, reinforced construction, adapted to work in harsh environmental conditions, such as in production halls where there is a lot of dust. The machine is ideally suited not only for typical industrial conditions but also for wide application in normal home environments.

- Description



# EMDOOR I88H

The **EMDOOR I88H** industrial tablet is powered by the latest **Intel® Atom™ Z8350/Z8300** quad-core processor, which delivers superior performance, low power consumption and long battery life. The processor makes the device run very smoothly and without problems it is done in everyday work. The tablet works with the Windows® 10 operating system to meet the growing demands of industrial and more.

|                   |  |
|-------------------|--|
| <b>Processor</b>  | <b>Intel® Atom™ Processor Z8350 (QUAD CORE 1.44GHz)</b>  |
| Graphics          | Intel HD Graphic (Gen7)  |
| <b>Display</b>    | <b>8" (1280*800)</b>   |
| Display Type      | LED   IPS   Capacitive (5-point)   |
| <b>LEDs</b>       | <b>Power</b>   |
| Brightness        | 320nits  |
| <b>RAM</b>        | <b>2GB DDR3L</b>   |
| ROM               | 32GB eMMC  |
| <b>Connectors</b> | <b>1x - Czytnik SD (max 128GB)   1x - Micro USB3.0; (Host for Windows)   1x 3.5mm Audio jack   1x - mini HDMI 1.4a (typ C)   1x -SIM   1x -DC-in</b>   |
| GPS               | u-Blox NEO-7 (GLONASS+QZSS+GPS)  |
| <b>Audio</b>      | <b>Built-in microphone   Speaker   Audio Jack</b>  |
| Camera            | Front: 2Mpx<br>Back: 5Mpx  |
| <b>Battery</b>    | <b>New Portable Devices   NIP: 872-120-56-82   Mobile.: +48 508 235 505   e-mail: sklep@mobilator.pl<br/>Lithium-Polymer 3.7V 7500mAh<br/>Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078</b> |
| Keyboard          | Onscreen   Function buttons  |

Modules (factory) 802.11 a/b/g/n | Bluetooth 4.0 (LE) | GSM/3G | GPS | 4G LTE

Modules (optional) ----

**Weight and dimensions** 220\*143\*14mm - 647g

Resistance IP67

**Readers (optional)** NFC

Sensors (factory) G-Sensor | Electronic compass | Gyroscope

**Warranty** 12 months



Check the "Available Versions" tab for the version of your device. For additional information on the device, click on "Ask a product" or go to the [contact form](#).

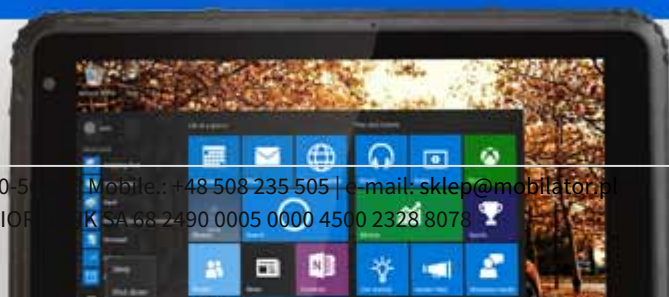


# WATERPROOF

## Choose a version that suits your needs

Choose the version that fits your needs and needs. By clicking on the hardware configuration number you will be redirected to the product with the parameters listed below. Any additional configuration is valued at customer's request. Detailed parameters are available in the **"Technical Data"** tab.

# Windows 10



Windows 10 Pro

4G

NFC

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→ Barcode scanners and NFC reader

## NFC (optional)

Near-field communication is a technology used to communicate between devices and to read information from special tags that are attached to items by radio. Depending on the type of tag, the amount of information that it can store as well as the maximum distance from which data can be read varies.



|                     | NFC        |
|---------------------|------------|
| Frequency           | 13.56 MHz  |
| Reading distance    | up to 4 cm |
| Supported standards | ISO14443   |

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

→ Resistance and strength

## The standard of resistance, that is the strength of the tablet

EMDOOR I88H is designed for use in a variety of environments. Resistance to shocks, vibrations, falls and work over a wide temperature range makes the tablet able to be used in both industrial and military environments. IP67 is fully water and dust resistant. The enclosure can be cleaned with water to reduce the spread of infection. for medical use.



# IP67 RUGGED

Working temperature

-10°C -- +50°C

Tempetarure of rest

-30°C -- +70°C

Dust

IP6x

Water

IPx7

Humidity

95% non-condensig

Drop

1.2m throughout the temperature range

### MIL-STD-810G

Robustness is one of the most important factors to consider when choosing a mobile solution, so EMDOOR ensures that its fully durable devices work even after falling to concrete or used in harsh environmental conditions such as heat and cold, dust and rain. The rigorous testing that passes the EMDOOR products ensures that our customers receive products that meet the highest standards of durability and reliability. EMDOOR guarantees compliance with the most stringent standard in the field - **MIL-STD 810G** according to which its products are tested. This standard, established by the US military, is the most widely used international standard.

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Light temperature: MIL-STD-810G Method 501.5



# Wi-Fi Bluetooth



# 3G 4G GPS

With the **3G module** it is enough (**4G LTE - optional**) that the user inserts the SIM card into a special slot and can immediately connect to the Internet. Integrated software allows you to automatically recognize and configure connections to mobile networks. In addition, the internal 3G module adapts automatically to the transfer and network coverage. Built-in speaker and microphone for voice calls.

|           |   |
|-----------|---|
| WIFI      | 802.11 a/b/g/n                          |
| GPS       | u-Blox NEO-7 (GLONASS+QZSS+GPS)         |
| Bluetooth | Bluetooth 4.0 (LE)                      |
| 3G        | GSM/WCDMA (850 / 900 / 1900 / 2100 MHz) |
| 4G        | LTE FDD/LTE   TDD/WCDMA/TD-SCDMA/GSM    |



→ Functionality



Access to real-time information is very important for mobile users. The EMDOOR I88H offers a number of modules (3G, 4G LTE, GPS, WiFi, Bluetooth) that allow users to connect in the way that best suits their needs. With a built-in rear 5 megapixel camera, users can take high quality pictures and videos. The I88H can also use a front 2-megapixel camera for video and video recording.

**220 x 143 x 14mm**



|               |                  |
|---------------|------------------|
| <b>Size</b>   | 220 x 143 x 14mm |
| <b>Weight</b> | 647g             |



**Micro SD**      **SIM**   **CARD**

→ Optional accessories





The following table lists all the accessories that the manufacturer offers: I88H. Accessories are only available when ordering with the

Additional charger\*



Stylus



Wrist grip



Car charger

ładowarka do samochodu Emdoor wygoda samochód praca w samochodzie

Windows 10 Pro with Bing\*



