IP67

8"

2D

NFC

Windows 10

Dust-proof industrial tablet Emdoor I86H 2D NFC

Category:	UMPC - Ruggedized
Manufacturer:	EMDOOR
Operating System:	**Windows 10 with Bing (factory)**Windows 10 Pro (optional)
Display:	8" (1280*800) 16:10LED | IPS
Brightness:	320nits
Processor:	Intel® Atom™ Processor Z8350 (QUAD CORE 1.44 - 1.92GHz)
Memory:	4GB
Hard Drive:	**64GB eMMc**
Touch screen:	Yes - capacitive
Durability:	IP67
Drop:	1.2m - the entire temperature range MIL-STD-810G
Shock:	MIL-STD-810G
Vibration:	MIL-STD-810G
Temperature:	Operating: -20°C -- +60°CStorage temperature: -30°C -- +70°C**MIL-STD-810G**
Humidity:	95% non-condensing
1D barcode scanner (reader):	**Motorola SE4710**
2D barcode scanner (reader):	**Motorola SE4710**Support code system:PDF417, MicroPDF417, Data Matrix, Data Matrix Inverse Maxicode,QR Code, MicroQR, QR Inverse,Aztec,Aztec Inverses,Han Xin,Han Xin Inverse

RFID scanner (reader):	**NFC 13,56MHz (up to 4cm)**
Other:	G-Sensor
Battery:	Li-Poly 3.7V 8500mAh
Working time on battery:	7-9 hours (depending on usage)8hrs(default 50% volumn default 200 nit brightness play 1080P HD Video)
Fast battery replacement ability:	No
HotSwap battery:	No
LAN:	-----
WLAN:	802.11 a/b/g/n
Bluetooth:	Bluetooth 4.0 (LE)
WAN:	**GSM/WCDMA (850 / 900 / 1900 / 2100 MHz) HSUPA**4G LTE FDD/LTE	TDD/WCDMA/TD-SCDMA/GSM - optional
GPS:	**u-Blox NEO-7 (GLONASS+QZSS+GPS)**Unicorecomm UM220-III (GPS+Beidou) - (optional)
Camera:	FRONT: 2MpxREAR: 5Mpx
In/Out:	1x - mini HDMI 1.4a (type C)1x - Micro-SD Reader1x - USB 2.01x - micro USB (OTG)1x - Docking port - (12pin) Pogo Pin1x - Audio JackDC In
Optional accessories:	Docking Station1x - Charging port (device)
Docking station connector:	Yes - (12pin) Pogo Pin
VESA standard – holders and mounts support:	No
COM port:	No
Magnetic card reader (MSR):	-----
Microchip card reader:	-----
Contrast:	-----
Graphics card:	Intel HD Graphic (Gen7)
Chipset:	-----
BIOS:	-----
Casing material:	-----
Flash Card Reader:	Micro-SD Card Reader (wsparcie SDHC/SDXC)max. 128GB

CD/DVD:	-----
Audio:	Built-in Microphone | 1x - speaker 0.8W/8Ω | Audio Jack
Keyboard:	on-Screen | Function keysVolume + | Volume - | Power | Home | Functional (Barcode Trigger)
Additional Navigation Devices :	-----
Color:	-----
Swivel Hinge:	-----
VGA out:	-----
TV Out:	-----
TV Tuner:	-----
Security:	IP67
Waterproof:	IPX7
Sand and dust:	IP6X
Size:	228 x 147 x 16.5mm750g
Fanless casing:	Yes
Weight:	750g

3 459,38 zł
net price: 2 812,50 zł

Włącznik   Skaner kodów kreskowych

Kamera 2MPx   Przycisk funkcyjny   Głośność (+/-)

Audio

mini HDMI

microUSB

USB 2.0

Złącze zasilania

SIM

microSD

Złącze stacji dokującej

➔ Description

➔ Barcode scanners and NFC reader

➔ Resistance and strength

➔ Modules and wireless networks

➔ Functionality

➔ Optional accessories

Emdoor I86H dustproof industrial tablet 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.

➔ Descrition

The **EMDOOR I86H** 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.

Processor	**Intel® Atom™ Processor Z8300 (QUAD CORE 1.44GHz)**
Graphics	Intel HD Graphic (Gen7)
Display	**8" (1280*800)**
Display Type	LED	IPS	Gorilla Glass 3	Capacitive (10-point)
LEDs	**Power**
Brightness	320nits
RAM	**4GB DDR3L**
ROM	64GB eMMC
Connectors	**mini HDMI 1.4a	Czytnik Micro-SD	USB 2.0	micro USB	Docking	DC In**

	Back: 5Mpx
Battery	**Lithium-Polymer 3.7V 8500mAh**
Keyboard	Onscreen	Function buttons
	Volume +	Volume -	Power	Function (scanner)
System (factory)	**Windows 10 Home with Bing**
System (optional)	**Windows 10 Pro with Bing**
Modules (factory)	802.11 a/b/g/n	Bluetooth 4.0 (LE)	GSM/3G	GPS
Modules (optional)	4G LTE
Weight and dimensions	**225*143*16,5mm - 750g**
Resistance	IP67
Readers (optional)	**1D Scanner**
Sensors (factory)	G-Sensor	NFC	1D/2D Scanner
Warranty	**12 months**

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.

	v.7	v.8	v.9	v.10	v.11	v.12
NFC	–	–	–	–	+	+
1D (CCD)	–	–	–	–	–	–
2D (CMOS)	–	–	–	–	+	–
Windows 10 Home	+	+	+	+	–	–
Windows 10 Pro	–	–	–	–	+	+
4G LTE	–	–	+	–	–	+
NFC	–	+	+	–	+	+
1D (CCD)	+	+	+	–	–	–
2D (CMOS)	–	–	–	+	+	+

Barcode reader

A bar code reader enables you to read, decode and send data to a computer written in a bar code. With dynamic scanning capabilities and a large reading range, the data collector gets the data accurately, helping to increase speed and productivity. You can quickly launch the scanner because of the simplified installation procedure and intuitive, convenient construction of the scanner to work is very easy.

1234567895

Model scanner	Motorola SE655	Motorola SE4710
Scanner type	1D	1D/2D
Type of matrix	CCD	CMOS

NFC

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

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

EMDOOR I86H 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.

Working temperature	-20°C -- +60°C
Tempetarure of rest	-30C -- +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.

MIL-STD 810G covers a wide range of tests used to measure equipment reliability:

Hight temperature: MIL-STD 810G Metoda 501.5
This procedure determines the computer performance test during exposure at high temperatures. This test differs from the standard tests in that the performance of the computer is judged under elevated ambient temperatures.

Low Temperature: MIL-STD 810G Metoda 502.5
This procedure determines the computer performance test during exposure at low temperatures. Such tests differ from standard tests in that the performance of the computer is judged under low ambient temperatures.

Temperature change: MIL-STD 810G Metoda 503.5

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 (optional)	LTE FDD/LTE	TDD/WCDMA/TD-SCDMA/GSM

➔ Functionality

Power
Barcode scanner

Camera 2MPx
Function button
Volume (+/-)
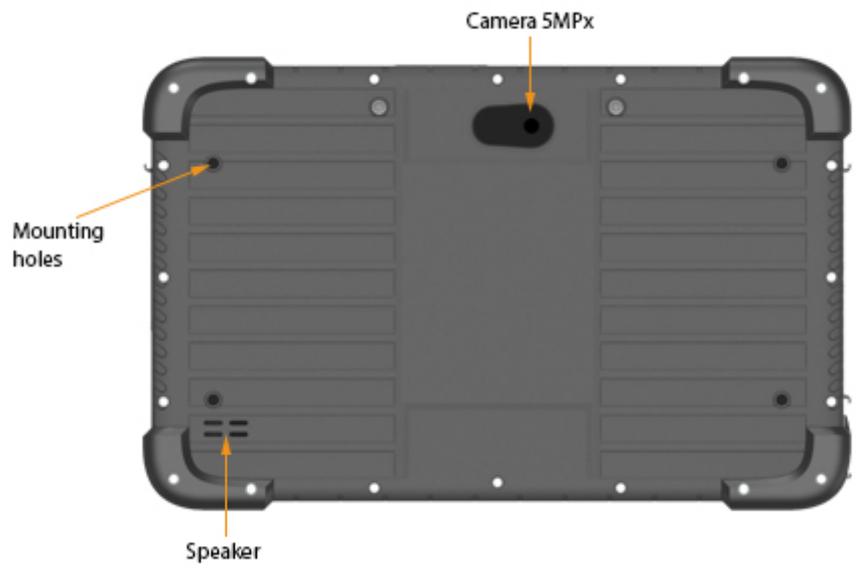
Audio
mini HDMI
microUSB
USB 2.0
DC-IN

SIM
microSD

Docking Connector

Access to real-time information is very important for mobile users. The EMDOOR I86H 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 I86H can also use a front 2-megapixel camera for video and video recording.

143mm

225mm

19mm

Size	228 x 145 x 16.5mm
Weight	750g

Optional accessories

The following table lists all the accessories that the manufacturer offers: I86H. Accessories are only available when ordering with the

Docking station	Windows 10 Pro with Bing*

Additional charger*	Stylus

Wrist grip	Car charger
	ładowarka do samochodu Emdoor I16H wygoda samochód praca w samoch

Car holder (short)	Car holder (long)