



Robust Dust-proof industrial laptop Emdoor X11 2D

Category:	Laptops - Rugged
Manufacturer:	EMDOOR
Durability:	IP65 1m. drops MIL-STD 810G
Humidity:	0 - 95%
Waterproof:	IPX5
Temperature:	Work temp.: -20°C do 60°C Storage temp.: -30°C do 70°C
Shock:	MIL-STD 810G
Vibration:	MIL-STD 810G
Drop:	up to 1m.
Sand and dust:	IP6X
1D barcode scanner (reader):	2D CMOS Honeywell N3680
2D barcode scanner (reader):	2D CMOS Honeywell N3680
RFID scanner (reader):	No
Magnetic card reader (MSR):	No
Microchip card reader:	No

Docking station connector:	No
VESA standard – holders and mounts support:	No
COM port:	2x DB9 (1x RS232, 1x RS485)
Dispaly:	LED Gorilla Glass 3 Scratch resistant
Brightness:	350cd/m ²
Contrast:	-----
Touch screen:	Capacitive (10-points)
Graphics card:	Intel® HD Graphics 515
Swivel Hinge:	-----
VGA out:	No
TV Out:	No
TV Tuner:	No
Processor:	Intel® Core™ M3-7Y30 (2x 1GHz)
Chipset:	-----
BIOS:	-----
Memory:	8GB DDR3L
Hard Drive:	128GB SSD
Battery:	5000mAh/7.4V (tablet)
Working time on battery:	6 hours
HotSwap battery:	No
Fast battery replacement ability:	Yes
Size:	305 x 205 x 16.5mm - 3140g
Casing material:	-----
Fanless casing:	Yes
Operating System:	Windows 10 (without license)
LAN:	Yes
WLAN:	802.11 a/b/g/n/ac
Bluetooth:	Bluetooth 4.1 (BLE)

WAN:	3G/2G: GSM/GPRS/EDGE Band (850&900&1800&1900 MHZ)WCDMA Band(850&900&1900&2100MHz)HSDPA 21MbpsHSUPA 5.76 Mbps
GPS:	u-Blox NEO-7 (GLONASS+QZSS+GPS)
Flash Card Reader:	Micro SD
CD/DVD:	No
Camera:	Rear: 8Mpx, Front: 2Mpx
Audio:	Speakers 0.8W/8Ω Audio Jack
Security:	IP65 1m. drops MIL-STD 810G
In/Out:	Keyboard: RS232RS485 RJ452x USB 2.0DCTablet:USB 3.0Micro SDSIMHDMI C Audio Jack DC
Keyboard:	Yes - detachable
Additional Navigation Devices :	No
Color:	-----
Optional accessories:	-----
Other:	-----

Product from the Archive - production finished

EMDOOR

IP65



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→ Description

→ Barcode scanner

→ Resistance and strength

→ Modules and wireless networks

→ Functionality

The dustproof shockproof industrial laptop Emdoor X11 is a new proposition for an 11.6 - inch computer that works with Windows 10 Home or Professional. It is a "2 in 1" device because the laptop has a detachable keyboard and can be used as an industrial tablet. The laptop has a specially designed, reinforced structure, adapted to work in difficult environmental conditions, such as, for example, in production halls, where there is a lot of dust. The device works perfectly not only in typical industrial conditions, but also has a wide application in normal home conditions.

→ Description



The **Emdoor X11** 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® Core™ M3-7Y30 (2x 1GHz)
Graphics	Intel® HD Graphics 515
Display	11.6" (1920*1080)
Display Type	LED Gorilla Glass 3 Capacitive (10-points) Scratch resistant
LEDs	Power
Brightness	350nits
RAM	8GB DDR3L
Drive	128GB SSD 256GB SSD (option)
Connectors	USB 3.0 Audio HDMI C Micro SD SIM RS232 RS485 RJ-45 2x USB 2.0
GPS	u-Blox NEO-7 (GLONASS+QZSS+GPS)
Audio	Speaker 0.8W/8Ω Audio Jack
Camera	Front: 2Mpx Back: 8Mpx (USB)
Battery (tablet)	7.4V 5000mAh
Battery (keyboard)	7.4V 6300mAh (optional)
Buttons	Power Volume +/- Windows Home Scan System keyboard
System (optional)	Windows 10 Pro with Bing Windows 10 Home with Bing

Modules (factory) 802.11 a/b/g/n | Bluetooth 4.1 (BLE) | GSM/3G | GPS

Modules (optional) 4G LTE

Weight and dimensions 305 x 205 x 16.5mm - 3140g

Resistance IP65

Readers 1D/2D Scanner

Sensors (factory) G-Sensor, e-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.



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.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8
4G LTE	—	—	—	—	—	—	—	—
2D Honeywell	—	—	—	—	—	—	—	—
256GB SSD	—	—	—	—	—	—	—	—

→ Barcode scanner

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.



Model scanner

Motorola SE655

Motorola SE4710

Scanner type

1D

1D/2D

Type of matrix

CCD

CMOS



→ Resistance and strength

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

Emdoor X11 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	IPx5
Humidity	95% non-condensig
Drop	1m

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:

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Hight temperature: MIL-STD 810G Admittance number: 5 ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

This procedure determines the computer performance test during exposure at high temperatures. This test differs from the

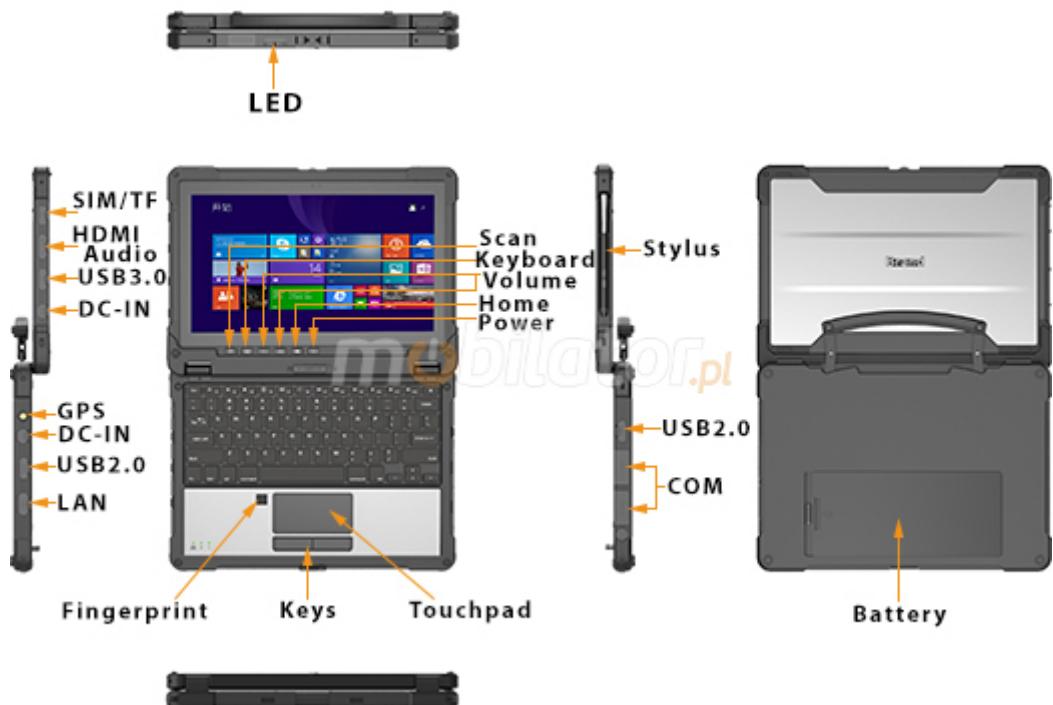
→ Modues and wireless networks

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/ac
GPS	u-Blox NEO-7 (GLONASS+QZSS+GPS)
Bluetooth	Bluetooth 4.1 (BLE)
3G	GSM/GPRS/EDGE Band(850&900&1800&1900 MHZ), WCDMA Band(850&900&1900&2100MHz), HSDPA 21Mbps, HSUPA 5.76 Mbps
4G (optional)	LTE: B1/B2/B3/B4/B5/B7/B8/B13/B17/B20



→ Functionality



Access to real-time information is very important for mobile users. The Emdoor X11 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 X11 can also use a front 2-megapixel camera for video and video recording.



Size

305 x 205 x 16.5mm

Weight

3140g

Removable keyboard

The Emdoor X11 industrial laptop offers the perfect balance between mobility and comfort of use thanks to the possibility of detaching the keyboard, which allows you to easily and quickly convert your laptop into a convenient, portable tablet with a touch screen. Thanks to this solution, X11 can be used in any place at any time.

[more photos in the "Gallery"...](#)[the specification of the version is available in the tab "Technical data" ...](#)