



Robust Dust-proof industrial tablet  
Emdoor X11G 4G LTE + 2D Honeywell  
N3680 (Win10 IOT license) v.4

<b>Category:</b>	UMPC - Ruggedized
<b>Manufacturer:</b>	EMDOOR
<b>Operating System:</b>	Windows 10 IOT
<b>Display:</b>	LED   Gorilla Glass 3   Scratch resistant
<b>Brightness:</b>	350cd/m <sup>2</sup>
<b>Processor:</b>	Intel® Celeron™ N4100 (4x 1.10GHz)
<b>Memory:</b>	4GB DDR3L
<b>Hard Drive:</b>	128GB SSD mSATA
<b>Touch screen:</b>	Capacitive (10-points)
<b>Durability:</b>	IP65   1m. drops   MIL-STD 810G
<b>Drop:</b>	up to 1m.
<b>Shock:</b>	MIL-STD 810G
<b>Vibration:</b>	MIL-STD 810G
<b>Temperature:</b>	Work temp.: -10°C do 50°C Storage temp.: -30°C do 70°C
<b>Humidity:</b>	0 - 95%
<b>1D barcode scanner (reader):</b>	<b>2D Honeywell N3680</b>
<b>2D barcode scanner (reader):</b>	<b>2D Honeywell N3680</b>
<b>RFID scanner (reader):</b>	No
<b>Other:</b>	-----

<b>Battery:</b>	5000mAh/7.4V
<b>Working time on battery:</b>	6 hours
<b>Fast battery replacement ability:</b>	-----
<b>HotSwap battery:</b>	No
<b>LAN:</b>	No
<b>WLAN:</b>	802.11 a/b/g/n/ac
<b>Bluetooth:</b>	Bluetooth 4.2 (BLE)
<b>WAN:</b>	LTE-FDD B1 B3 B8 LTE-TDD B38 B39 B40 B41 WCDMA 2G/3G/4G Band1 Band8 TD-SCDMA Band34 Band39 CDMA BC0 DCS1800
<b>GPS:</b>	u-Blox NEO-7 (GLONASS+QZSS+GPS)
<b>Camera:</b>	Rear: 8Mpx, Front: 2Mpx
<b>In/Out:</b>	USB 3.0Micro SDSIMHDMI CAudio JackDC
<b>Optional accessories:</b>	-----
<b>Docking station connector:</b>	No
<b>VESA standard – holders and mounts support:</b>	No
<b>COM port:</b>	No
<b>Magnetic card reader (MSR):</b>	No
<b>Microchip card reader:</b>	No
<b>Contrast:</b>	-----
<b>Graphics card:</b>	Intel® UHD Graphics 600
<b>Chipset:</b>	-----
<b>BIOS:</b>	-----
<b>Casing material:</b>	Yes
<b>Flash Card Reader:</b>	Micro SD
<b>CD/DVD:</b>	No
<b>Audio:</b>	Speakers 0.8W/8Ω   Audio Jack
<b>Keyboard:</b>	Onscreen + Function buttons
<b>Additional Navigation Devices :</b>	No

<b>Color:</b>	-----
<b>Swivel Hinge:</b>	-----
<b>VGA out:</b>	No
<b>TV Out:</b>	No
<b>TV Tuner:</b>	No
<b>Security:</b>	IP65   1m. drops   MIL-STD 810G
<b>Waterproof:</b>	IPX5
<b>Sand and dust:</b>	IP6X
<b>Size:</b>	311.3 x 209.7 x 18 mm
<b>Fanless casing:</b>	Yes

**Product from the Archive - production finished**



- Description
- Barcode scanner
- Resistance and strength
- Modules and wireless networks
- Functionality

**The dustproof shockproof industrial tablet Emdoor X11G** is a new proposition for an 11.6 - inch computer that works with Windows 10 Home or Professional. The tablet 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 X11G** industrial tablet is powered by the latest Intel® Celeron Gemini Lake N4100 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® Celeron™ N4100 (4x 1.1GHz)</b>
Graphics	Intel® UHD Graphics 605
<b>Display</b>	<b>11.6" (1920*1080)</b>
Display Type	LED   Gorilla Glass 3   Capacitive (10-points)   Scratch resistant
<b>LEDs</b>	<b>Power</b>
Brightness	350nits
<b>RAM</b>	<b>4GB DDR4L</b>
Drive	128GB SSD mSATA
<b>Connectors</b>	<b>USB 3.0   Audio   HDMI C   Micro SD</b>
GPS	u-Blox NEO-7 (GLONASS+QZSS+GPS)
<b>Audio</b>	<b>Speaker 0.8W/8Ω   Audio Jack</b>
Camera	Front: 2Mpx Back: 8Mpx
<b>Battery</b>	<b>7.4V 5000mAh</b>
Buttons	Power   Volume +/-   Windows Home   Scan   System keyboard
<b>System</b>	<b>Windows 10 IOT</b>

Modules (factory) 802.11 a/b/g/n/ac | Bluetooth 4.2 (BLE) | 4G | GPS

Modules 4G LTE

**Weight and dimensions** 311.3 x 209.7 x 18 mm - 1361g

Resistance IP65

**Readers** 2D Scanner: Honeywell N3680

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. 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
2D Honeywell N3680	–	–	+	+
Windows 10 IoT	–	+	–	+

→ [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	Honeywell N3680
Scanner type	2D
Martix type	CMOS



→ Resistance and strength

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

Emdoor X11G 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. IP65 is fully water and dust resistant. The enclosure can be cleaned with water to reduce the spread of infection. for medical use.



Working temperature

-10°C -- +50°C

Temperature 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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**High temperature: MIL-STD 810G Method 501.5**

Account number: 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 **4G LTE module** 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	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 X11G offers a number of modules (4G LTE, GPS, WiFi, Bluetooth) that allow users to connect in the way that best suits their needs. With a built-in rear 8 megapixel camera, users can take high quality pictures and videos. The X11G can also use a front 2-megapixel camera for video and video recording.



**Size**

**311.3 x 209.7 x 18 mm**

**Weight**

1361g

[more photos in the "Gallery"...](#)

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