



SSD
128 GB



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

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

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

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

Processor	Intel® Celeron™ N4100 (4x 1.1GHz)
Graphics	Intel® UHD Graphics 605
Display	11.6" (1920*1080)
Display Type	LED Gorilla Glass 3 Capacitive (10-points) Scratch resistant
LEDs	Power
Brightness	350nits
RAM	4GB DDR4L
Drive	128GB SSD mSATA
Connectors	USB 3.0 Audio HDMI C Micro SD
GPS	u-Blox NEO-7 (GLONASS+QZSS+GPS)
Audio	Speaker 0.8W/8Ω Audio Jack
Camera	Front: 2Mpx Back: 8Mpx
Battery	7.4V 5000mAh
Buttons	Power Volume +/- Windows Home Scan System keyboard
System	Windows 10 IOT

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
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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High temperature: MIL-STD 810G Method 501.5

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" ...