



Industrial Fanless MiniPC mBOX Nuc Q180P v.7



Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/8.1, Linux
Installed OS:	-----
Chipset:	Intel NM70
CPU Support:	-----
Installed CPU:	Intel Celeron J1800 (2x2.41GHz)
Graphic Card:	Intel HD Graphics
Memory Support:	2GB DDR3(max. 8GB)
Installed Memory:	8GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	256GB mSATA SSD (opcja - mSata SSD + 2,5" SSD/HDD)
IP Norm:	-----
Temp:	0 - 50
Storage temperature:	-15 - 70
Humidity:	0 ~ 95%
Others:	Colour Black, Aluminum
LAN:	Realtek RTL8111E 10/100/1000 Controller
Wireless LAN card:	Yes - WIFI b/g/n

3G:	No
Bluetooth:	No
Rear Panel (ports):	1x Power Input1x HDMI1x VGA2x LAN (RJ45)3x COM (RS232)1x Audio Jack
Front Panel (ports):	Power ON/OFF1x USB 3.03x USB 2.01x MIC1x COM (RS232)
Expansion:	-----
Power:	12V
Watch Dog Timer:	0~255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	135 x 128 x 45mm
Fanless:	Yes
Weight:	0.82 kg

Product from the Archive - production finished



Industrial Fanless

Fanless industrial PCs are excellent in environments dominated by dust, dirt and moisture. They are ideal for applications that require quiet operation. Small and reliable MiniPC use of heat-pipe technology and aluminum fans for passive cooling.

MBOX Nuc Q180P is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **135 (W) x128 (L) x45 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **0.82 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

Using the latest technology Digital Engine (industrial fanless MiniPC) is designed for continuous multitasking operating with low power consumption. An important advantage is the effective combination of small size with considerable opportunities through the use of Intel's processor family, Intel chipset and **DDR3** memory. Integrated **Intel HD Graphics** video and audio **Realtek ALC662** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality. Disks offer free space **16GB/32GB/64GB/128GB SSD**. Support together: mSata SSD and 2.5 inch SSD/HDD - SATAIII.



Version for you

Refer to the "Technical Data" overlap - what possibility have subsequent versions of the devices. To gain additional information about the product click on the "Ask about the product" or go to the contact form.

[v.1](#)

[v.2](#)

[v.3](#)

[v.4](#)

[v.5](#)

[v.6](#)

[v.7](#)

WIFI b/g/n	-	✓	✓	✓	✓	✓	✓
2GB RAM	✓	✓	-	-	-	-	-
4GB RAM	-	-	✓	✓	✓	-	-
8GB RAM	-	-	-	-	-	✓	✓
8GB mSATA	✓	-	-	-	-	-	-
32GB mSATA	-	✓	-	-	-	-	-
64GB mSATA	-	-	✓	-	-	-	-
128GB mSATA	-	-	-	✓	-	-	-
256GB mSATA	-	-	-	-	-	-	✓
500GB HDD	-	-	-	-	✓	✓	-

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Integrated card - **Intel RTL8111E LAN** (optional WiFi module) allow connection to the network. The computer is equipped with: two **LAN** port, four **COM (RS232)** port, one **VGA** output, three **USB 2.0** ports, one **USB 3.0** port, one **HDMI** output one way audio, one microphone input.



1 **2** **3** **4** **5**

- 1. 1x Mic
- 2. 1x USB 3.0
- 3. 3x USB 2.0
- 4. 1x COM (RS232)
- 5. Power ON/OFF



1 **2** **3** **4** **5** **6**

- 1. 1x DC-IN 12V
- 2. 1x HDMI
- 3. 1x VGA
- 4. 3x COM (RS232)
- 5. 2x LAN (RJ45)
- 6. 1x Mic



Cooling

The industrial fanless MiniPC MBOX Nuc Q180P uses a special method of cooling. This cooling takes place mainly by means of housing having a very large surface (longitudinal lamells, ribs) - for heat dissipation.

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Trade

Small, fanless computer can find various of commercial applications such as computer system for sale, for display information and the purpose of monitors 23.5" on the big screens. With the help of handles combined with the housing there are many mounting possibilities - such as: in shops (at the cash register, at the back of monitors



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