



## Computer Industrial Fanless MiniPC mBOX Nuc Q190P v.4

<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobikator
<b>Supported OS:</b>	Microsoft Windows: 7/8/8.1, Linux
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel NM70
<b>CPU Support:</b>	-----
<b>Installed CPU:</b>	Intel Celeron J1900 (4x2GHz)
<b>Graphic Card:</b>	Intel HD Graphics
<b>Memory Support:</b>	2GB DDR3 (max. 8GB)
<b>Installed Memory:</b>	4GB DDR3
<b>Storage (HDD) Support:</b>	-----
<b>Installed Storage (HDD):</b>	500GB HDD (opc. mSata SSD + 2,5" SSD/HDD)
<b>IP Norm:</b>	-----
<b>Temp:</b>	0 - 50
<b>Storage temperature:</b>	-15 - 70
<b>Humidity:</b>	0 ~ 95%
<b>Others:</b>	Colour Black, Aluminum
<b>LAN:</b>	Realtek RTL8111E 10/100/1000 Controller

<b>Wireless LAN card:</b>	Yes - WIFI b/g/n
<b>3G:</b>	No
<b>Bluetooth:</b>	No
<b>Rear Panel (ports):</b>	1x Power Input1x HDMI1x VGA2x LAN (RJ45)3x COM (RS232)1x Audio Jack1x Mic
<b>Front Panel (ports):</b>	Power ON/OFF1x USB 3.03x USB 2.01x MIC1x COM (RS232)
<b>Expansion:</b>	-----
<b>Power:</b>	DC 12V
<b>Watch Dog Timer:</b>	0~255 sec
<b>CD/DVD Drive:</b>	-----
<b>TV Tuner:</b>	-----
<b>Dimensions:</b>	135 x 128 x 45mm
<b>Fanless:</b>	Yes
<b>Weight:</b>	0.82 kg

**1 572,86 zł**

net price: 1 278,75 zł



## 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 Q190P** 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 **32GB/64GB/128GB/256GB SSD or 500GB HDD**. 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
WIFI b/g/n	✓	✓	✓	✓	✓	✓
2GB RAM	✓	-	-	-	-	-
4GB RAM	-	✓	✓	✓	-	-
8GB RAM	-	-	-	-	✓	✓
32GB mSATA	✓	-	-	-	-	-
64GB mSATA	-	✓	-	-	-	-

128GB mSATA	-	-	✓	-	-	-
256GB mSATA	-	-	-	-	-	✓
500GB HDD	-	-	-	✓	✓	-

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Integrated card - **Intel RTL8111E LAN** and **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. 1x Mic
- 2. 1x USB 3.0
- 3. 3x USB 2.0
- 4. 1x COM (RS232)
- 5. Power ON/OFF



- 1. 1x DC-IN 12V
- 2. 1x HDMI
- 3. 3x COM(RS232)
- 4. 2x LAN RJ-45
- 5. 1x Audio Jack
- 6. 1x VGA



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## Cooling

The industrial fanless MiniPC MBOX Nuc Q190P 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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### Warehouse

Industrial fanless MiniPC MBOX Nuc Q190P by to four USB ports can be used to connect multiple devices in the store or warehouse and make them easier to control. Its durable housing is perfectly designed for the harsh conditions prevailing in these areas. Any dust or dirt does not impede him in his work, will work without any problems even in high concentrations of dust and in polluted environments.

### Transport and cars

MiniPC fanless MBOX Nuc Q190P can be used on transport market, in cars, through adapting him to operate with a supply 12V. Mini computer can be used in cars, buses, trams, taxis, trains, and even airplanes. Thanks to its functions is suitable for all vehicles in which the restriction is a small space to mount additional hardware.



