



## Industrial Fanless MiniPC mBOX Nuc Q190N-02 v.4



<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobikator
<b>Supported OS:</b>	Microsoft Windows: 7/8/8.1/10, Linux
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel express chipset
<b>CPU Support:</b>	-----
<b>Installed CPU:</b>	<b>Intel Celeron J1900 Quad Core (4x2GHz)</b>
<b>Graphic Card:</b>	<b>Intel HD Graphics 4400</b>
<b>Memory Support:</b>	DDR3L (max. 8GB) 1333MHz/1600MHz SO-DIMM
<b>Installed Memory:</b>	<b>4GB DDR3L</b>
<b>Storage (HDD) Support:</b>	SSDmSATA
<b>Installed Storage (HDD):</b>	<b>128GB SSD (opc. SSD + 2,5" SSD/HDD)</b>
<b>IP Norm:</b>	-----
<b>Temp:</b>	0 50
<b>Storage temperature:</b>	-20 ~ 80
<b>Humidity:</b>	10 ~ 90%
<b>Others:</b>	Colour Black
<b>LAN:</b>	<b>Realtek RTL8111E 10/100/1000 Controller</b>

<b>Wireless LAN card:</b>	<b>Yes - 802.11 b/g/n</b>
<b>3G:</b>	-----
<b>Bluetooth:</b>	-----
<b>Rear Panel (ports):</b>	DC-IN 12V, 1x RJ-45 LAN, 1x Audio, 1x HDMI, 1x VGA, 1x USB 2.0
<b>Front Panel (ports):</b>	3x USB2.0 1x USB 3.0 1x COM(RS232), 1x Mic, Power ON/OFF
<b>Expansion:</b>	-----
<b>Power:</b>	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 45 mm
<b>Fanless:</b>	Yes
<b>Weight:</b>	700g

**1 821,94 zł**

net price: 1 481,25 zł

mBOX

Q190N



mobilator.pl

## 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.

**Industrial Fanless MiniPC mBOX Nuc Q190N** is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions 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 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 **2/4GB 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.

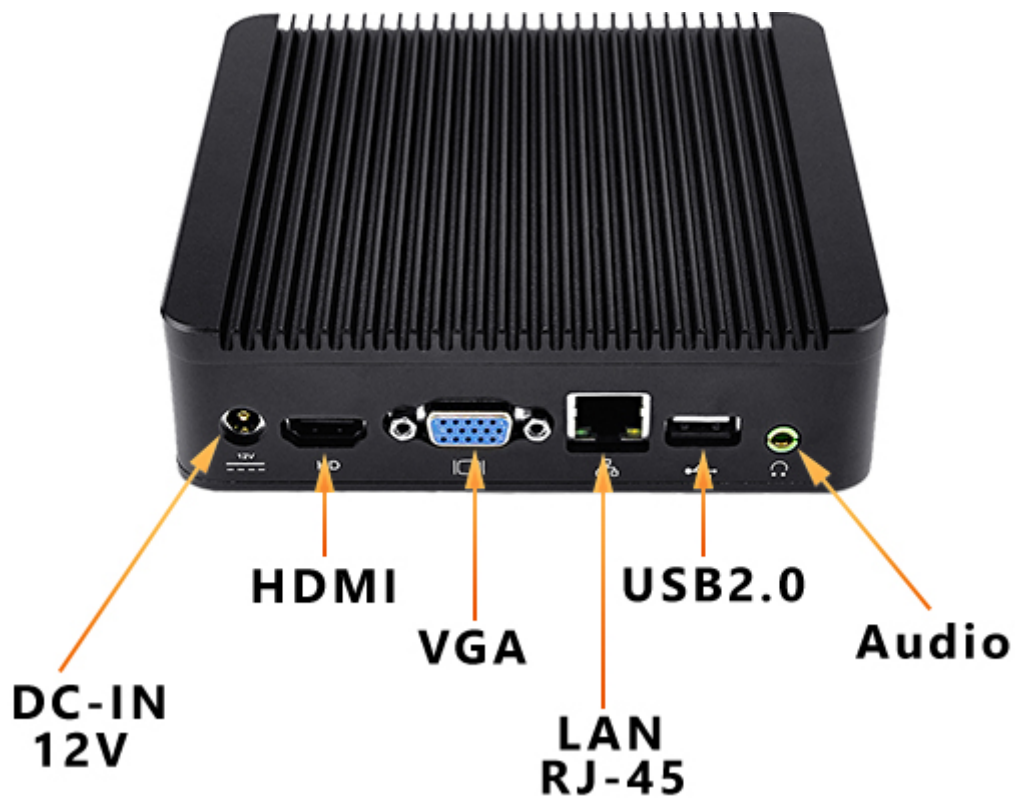
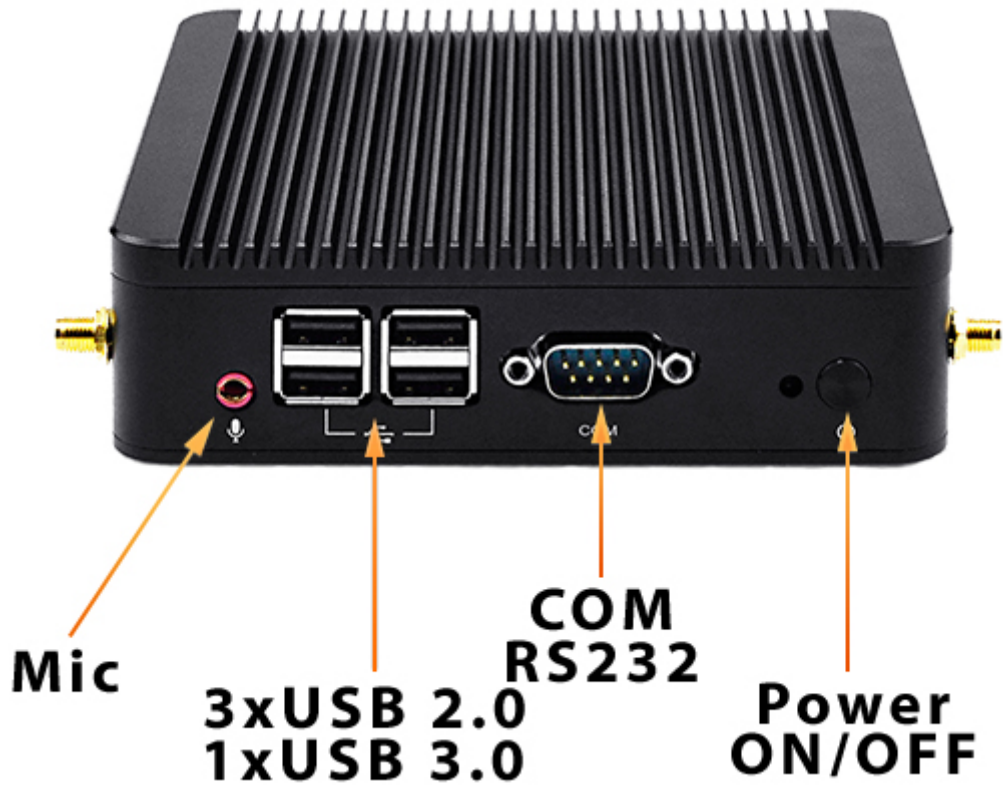


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Integrated card - **Realtek RTL8111E 10/100/1000 Controller** and **WiFi** module allow connection to the network. The computer is equipped with: one **LAN** port, one **HDMI** port, one **VGA** port, four **USB 2.0** ports, one **USB 3.0** port, one **COM(RS232)** port one **Audio** input and one **Mic** output.





## Cooling

The Industrial Computer Fanless MiniPC mBOX Nuc Q190N 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. Fan used inside the computer is designed to rapidly drain hot air from the CPU, allowing MiniPC to reach more efficiently and faster cooling.

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Industrial Computer Fanless MiniPC mBOX Nuc Q190N are based on high-performance quad-core processors and high-quality components. Mini computers are locked in small industrial housing which perfectly discharge heat from the device interior. Wide choice of mBOX models can give possibility to configure, enabling optimal selection of mini computer to multimedia applications and industrial applications. The biggest advantages of these devices are: small size, performance and energy efficiency. An extra pair of brackets at the bottom of the enclosure increases the possibility of installation in all kinds of places and positions. Offered model mini PC has been selectively chosen and configured specifically to the requirements of Digital Signage systems, gaming machines, amusement machines, information kiosks and industrial automation systems.



## Areas of use of industrial MiniPC



# Dual Display

