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Computer Industrial Fanless MiniPC mBOX Nuc Q470P v.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	**Intel i7 4500U Dual Core (2x1,8GHz)**
Graphic Card:	**Intel HD Graphics 4400**
Memory Support:	DDR3L (max. 8GB) 1333MHz/1600MHz SO-DIMM
Installed Memory:	**4GB DDR3L**
Storage (HDD) Support:	SSDmSATA
Installed Storage (HDD):	**32GB SSD (opc. SSD + 2,5" SSD/HDD)**
IP Norm:	-----
Temp:	0 50
Storage temperature:	-20 ~ 80
Humidity:	10 ~ 90%
Others:	Colour Black
LAN:	**Realtek RTL8111E 10/100/1000 Controller**

Wireless LAN card:	**Yes - 802.11 b/g/n**
3G:	-----
Bluetooth:	-----
Rear Panel (ports):	DC-IN 12V, 2x RJ-45 LAN, 3x COM(RS232),1x Mic, 1x Audio, 2x HDMI, 2x USB 3.0
Front Panel (ports):	2x USB2.0 2x USB 3.01x COM(RS232),Power ON/OFF
Expansion:	-----
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	155 x 127 x 38 mm
Fanless:	Yes
Weight:	1000g

2 172,49 zł
net price: 1 766,25 zł

mBOX Q470P

Industrial Fanless

Fanless industrial PCs are excelent 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 Q470P is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions are **155 (W) x127 (L) x48 (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 **4/8GB DDR3** memory. Integrated **Intel HD Graphics 4400** 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 and 500GB HDD**.

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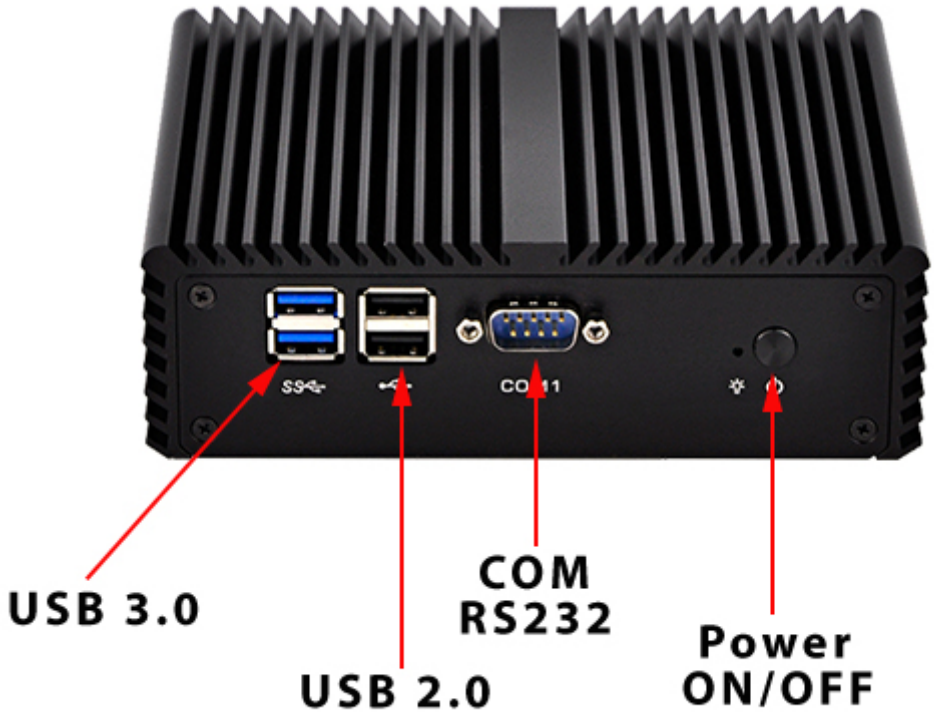
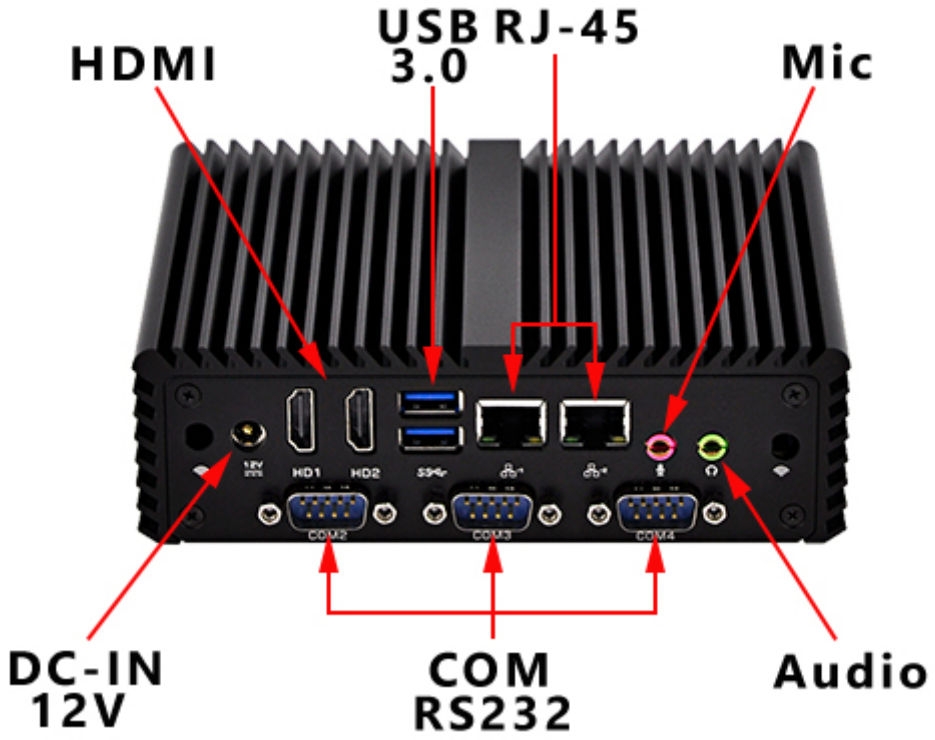
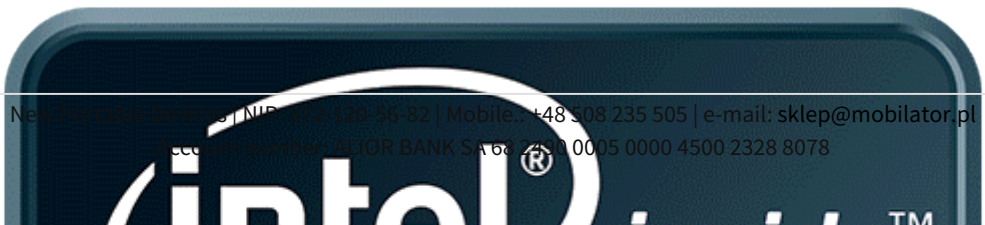
Integrated card - **Realtek RTL8111E 10/100/1000 Controller** and **WiFi** module allow connection to the network. The computer is equipped with: two **LAN** ports, two **HDMI** ports, two **USB 2.0** ports, four **USB 3.0** ports, four **COM(RS232)** ports one **Audio** input and one **Mic** output.







Cooling

The Industrial Computer Fanless MiniPC mBOX Nuc Q470P 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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Industrial Computer Fanless MiniPC mBOX Nuc Q470P are based on high-performance dual-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 advantagesof 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