IBOX-QM87

intel inside™ CORE i5

Industrial Computer Fanless Mini PC IBOX-QM87 v.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Chipset:	Intel QM87
CPU Support:	-----
Installed CPU:	Intel i5 4200M (2x2,5GHz, Turbo 3,1GHz))
Graphic Card:	Intel HD Graphics 4600
Memory Support:	16GB DDR3
Installed Memory:	16GB DDR3
Storage (HDD) Support:	HDD
Installed Storage (HDD):	1TB HDD
IP Norm:	-----
Temp:	0 - 60
Storage temperature:	0 - 60
Humidity:	10 ~ 90%
Others:	Colour Black, Aluminum
LAN:	1*Intel L210, 1*Intel L217 Lan
Wireless LAN card:	Yes

3G:	No
Bluetooth:	No
Rear Panel (ports):	DC-IN 12-19V1x HDMI1x VGA2x LAN (RJ45) 2x COM(RS232) 2x DP 1x Audio Jack1x Mic
Front Panel (ports):	Power ON/OFF 4x USB 2.0 4x USB 3.0 4x RS232 COM 1x LPT 1x GPIO
Expansion:	-----
Power:	DC 9-19V
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	265.4 x 203.6 x 68mm
Fanless:	Yes
Weight:	2 kg

Product from the Archive - production finished

Industrial MiniPC

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 Computer Fanless Mini PC IBOX-QM87 v.1 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.
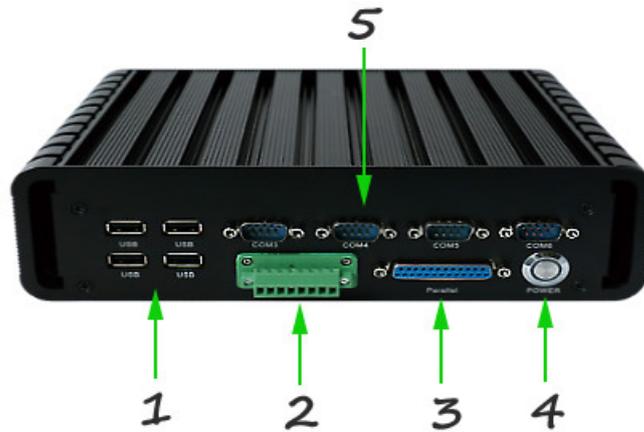
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Housing dimension are **203 (W) x265 (L) x68 (H) mm.** Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **2 kg** is ready at any time for operation even in extreme conditions 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 16GB** memory. Integrated **Intel HD Graphics 4600** 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 **1TB HDD**.
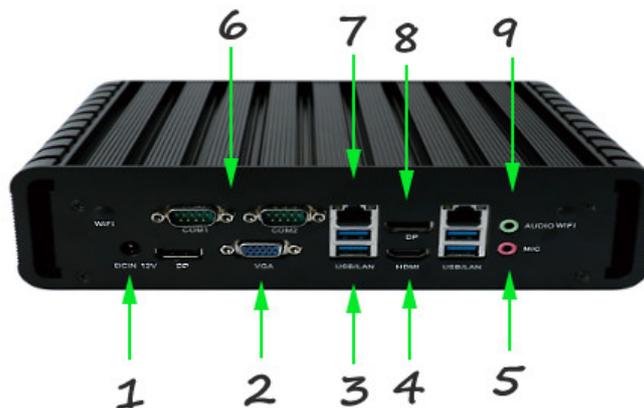

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Integrated cards - **Intel L210/L217 Lan** and **WiFi** module allow connection to the network. The computer is equipped with: two **LAN** ports, four **USB 3.0** ports, one **VGA** output, four **USB 2.0** ports, one **HDMI** output, six **COM(RS232)** ports (two can support **RS422/485**), one **LPT** port, one way audio, one microphone input.

1. 4x USB 2.0   4. Power ON/OFF

2. 1x GPIO   5. 4x COM(RS232)

3. 1x LPT

1. 1x DC-12-19V   5. 1x Mic   9. 1x Audio

2. 1x VGA   6. 2x COM(RS232)

3. 4x USB 3.0   7. 2x RJ-45

4. 1x HDMI   8. 2x DP

Cooling

The Industrial Computer Fanless Mini PC IBOX-QM87 v.1 uses a special method of cooling. This cooling takes place mainly by means of housing having a very large surface - for heat dissipation.

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Warehouse

Industrial Computer Fanless Mini PC IBOX-QM87 v.1 by to eight 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

Industrial Computer Fanless Mini PC IBOX-QM87 v.1 can be used on transport market, in cars, through adapting him to operate with a supply 12-19V. 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.