



Industrial Computer Fanless MiniPC IBOX-J1900B High (WiFi + Bluetooth)



Category:	MiniPC Industry
Manufacturer:	Mobikator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	Intel Celeron Quad Core J1900 (4x2GHz)
Graphic Card:	Intel HD Graphics
Memory Support:	4GB DDR3 (can up to 16GB) 1x SODIMM
Installed Memory:	8GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	64 GB SSD
IP Norm:	-----
Temp:	-20 60
Storage temperature:	-20 ~ 60
Humidity:	0 ~ 95%
Others:	Colour Black
LAN:	Intel RTL8111E 1000M Lan

Wireless LAN card:	Yes
3G:	-----
Bluetooth:	-----
Rear Panel (ports):	DC-IN 12V, 1x HDMI, 1x VGA, 1x RJ-45 LAN, 1x COM(RS232), 1x Audio, 1x Mic, 4x USB 2.0
Front Panel (ports):	2x USB 2.0, Power ON/OFF
Expansion:	-----
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	234 x 204 x 54 mm
Fanless:	Yes
Weight:	1.6 kg

Product from the Archive - production finished

IBOX-J1900



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 heat-pipe technology and aluminum fans for passive cooling.

IBOX-J1900B is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimensions are **234 (W) x204 (L) x54 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **1.6 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 from **64GB to 128GB SSD**.

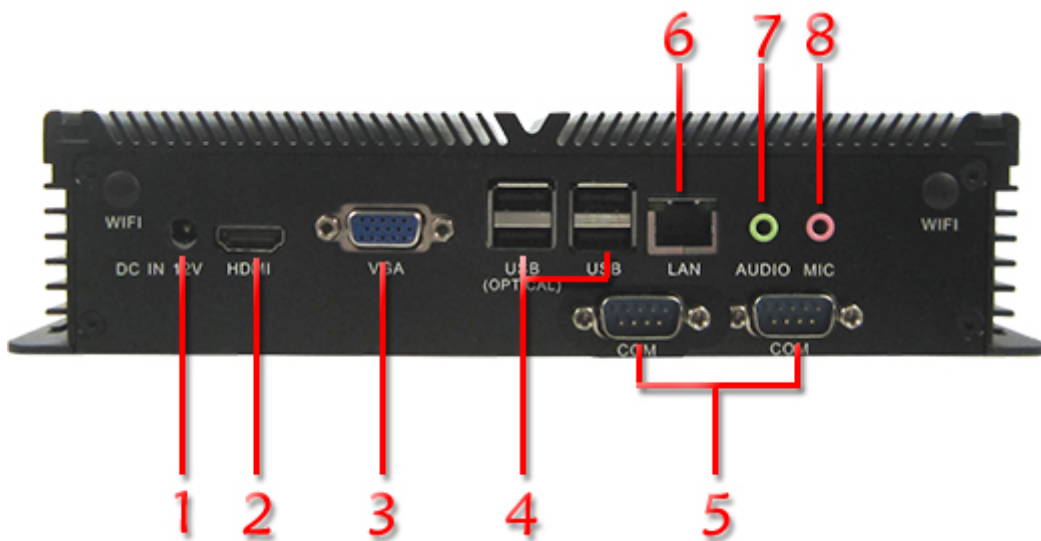


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Integrated card - **Intel 1000M Lan RTL8111E**, **WiFi** module and **Bluetooth** module allows connection to the network. The computer is equipped with: one **LAN** port, two **COM(RS232)** port, one **HDMI** port, one **VGA** port, six **USB 2.0** ports, one way audio, one input mic and a built-in connector on the motherboard: one **PowerOUT** connector, one **S/PDIF** connector, one **LPT** port and one **Audio** connector.



1. 2x USB 2.0
2. Power ON



1. DC-IN 12V
2. 1x HDMI
3. 1x VGA
4. 4x USB 2.0
5. 2x COM(RS232)
6. 1x RJ-45
7. 1x Audio
8. 1x Mic

MiniPC

IBOX-J1900

Fanless

Cooling

The industrial fanless MiniPC IBOX-J1900B 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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