

HDMI™

DDR3



Industrial MiniPC mBOX-I37C4 v.1



Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel NM70
CPU Support:	-----
Installed CPU:	Intel Celeron 1007U (2x1.5GHz)
Graphic Card:	Intel HD Graphics
Memory Support:	2GB DDR3 (can up to 8GB)
Installed Memory:	2GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	16 GB SSD
IP Norm:	-----
Temp:	0 - 50
Storage temperature:	-15 - 70
Humidity:	0 ~ 95%
Others:	Colour Black, Case
LAN:	Intel RTL8111F
Wireless LAN card:	No (optional Yes)
3G:	No

Bluetooth:	-----
Rear Panel (ports):	2x USB 2.0, 2x USB 3.0, 1x Audio, 2x RJ-45, DC-in Jack, 1x HDMI, 1x Mic, 4x COM(RS232), 1x VGA
Front Panel (ports):	4x USB 2.0
Expansion:	WiFi
Power:	12V
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	197 x 197 x 29 mm
Fanless:	No
Weight:	2.0 kg

Product from the Archive - production finished



Industrial MiniPC

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-I37C4 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **197 (W) x197 (L) x29 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **2.0 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

Using the latest technology Digital Engine (industrial 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 **16GB SSD** to **32GB SSD**.



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Integrated card - **Intel RTL8111F** (optional WiFi module) allow connection to the network. The computer is equipped with: two **LAN** port, four **COM ports (RS232)**, one **HDMI** port, one **VGA** output, six **USB 2.0** ports, two **USB 3.0** ports, one way audio, one microphone input.

Two independent network cards Intel RTL8111E

The computer can use two network cards for different purposes - it can be very practical - for example - when one card is responsible for the Internet connection, and the other keeps the connection of devices in the factory, warehouse, shop, supermarket and even in bank that should not have its own connection to the Internet.

Front panel:



1. Power ON/OFF

2. 4x USB 2.0

Rear panel:



New Portable Devices | NIP: 872-120-56-82 | Mobile.: +48 508 235 505 | e-mail: sklep@mobilator.pl
Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

1. 2x WiFi

5. 2x USB 2.0

9. DC-IN 12V



Cooling

The industrial MiniPC mBOX-I37C4 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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Trade

Small computer can find various of commercial applications such as computer system for sale, for display informations about the products on monitors or ads on the big screens. With the help of handles combined with the housing there are many mounting possibilities - such as: in shops (at the cash register, at the back of monitors for LCD / LED), in factories halls, in the cars which are used for distribute different kind of products etc. will certainly find application in all kinds of networks trade.



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Account number: ALIOR BANK SA 68 2490 0005 0000 4500 2328 8078

