



HDD

HDMI

Fanless Industrial Computer MiniPC moBOX-5041H v.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Colour: Black, Case Aluminium alloy
Chipset:	Intel® NM10
CPU Support:	-----
Installed CPU:	Intel Atom N2600 (2x 1.6GHz)
Memory Support:	2GB DDR3 (can up to 4GB)
Installed Memory:	2GB DDR3
Graphic Card:	Intel HD Graphics
Storage (HDD) Support:	-----
Installed Storage (HDD):	320 GB HDD
CD/DVD Drive:	-----
LAN:	2x Intel RTL8111E 1000M RJ45
Wireless LAN card:	No
Bluetooth:	-----
3G:	-----
TV Tuner:	-----

Watch Dog Timer:	0 ~ 255 sec
Front Panel (ports):	-----
Rear Panel (ports):	4x COM(RS232) 4x USB 2.0 1x HDMI1x VGA 2x RJ45 1x Audio1x DC-in
Power:	12V
Supported OS:	Microsoft Windows: XP/7, Linux
Installed OS:	-----
Dimensions:	214 x 206 x 68 mm
Weight:	3.2 kg
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10 ~ 50
IP Norm:	-----
Storage temperature:	-20 - 60

Product from the Archive - production finished



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.

moBOX-5041h is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **214 (W) x 206 (L) x 68 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **3.2 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** 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 SSD** or **320GB HDD**.



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Integrated card - **Intel 1000M Lan RTL8111E** allow you to connect the device to the network. The computer is equipped with: two connectors **LAN**, four **COM ports (RS232)**- optionally one COM port can be replaced with a **COM (RS485)**, one **VGA** output, four **USB 2.0** ports, one **HDMI** output, one **audio** input.



1. 1x Power



1. 1x DC-IN 12V

4. 1x VGA

7. 4x COM

2. 4x USB 3.0

5. 2x RJ 45

3. 1x HDMI

6. 1x Audio



Cooling

The industrial fanless MiniPC moBOX-5041h 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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Trade

Small, fanless 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.,

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