



## Industrial MiniPC mBOX-T4200U v.1

<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobilator
<b>Others:</b>	Colour Black, Case
<b>Chipset:</b>	Intel HM76
<b>CPU Support:</b>	-----
<b>Installed CPU:</b>	Intel Core i5-4200U (2x1.6GHz)
<b>Memory Support:</b>	4GB DDR3 (can up to 8GB)
<b>Installed Memory:</b>	4GB DDR3
<b>Graphic Card:</b>	Intel HD Graphics 4400
<b>Storage (HDD) Support:</b>	-----
<b>Installed Storage (HDD):</b>	32 GB SSD
<b>CD/DVD Drive:</b>	-----
<b>LAN:</b>	Intel RTL8111E
<b>Wireless LAN card:</b>	No (optional Yes)
<b>Bluetooth:</b>	-----
<b>3G:</b>	No
<b>TV Tuner:</b>	-----
<b>Watch Dog Timer:</b>	-----
<b>Front Panel (ports):</b>	2x USB 2.0, Power ON/OFF
<b>Rear Panel (ports):</b>	4x USB 3.0, 1x Audio, 1x RJ-45, DC-in Jack, 1x HDMI, 1x Mic, 1x VGA

<b>Power:</b>	12V
<b>Supported OS:</b>	Microsoft Windows: XP/Vista/7 , Linux
<b>Installed OS:</b>	-----
<b>Dimensions:</b>	197 x 197 x 29 mm
<b>Weight:</b>	2.0 kg
<b>Expansion:</b>	WiFi
<b>Fanless:</b>	No
<b>Humidity:</b>	0 ~ 95%
<b>Temp:</b>	0 - 50
<b>IP Norm:</b>	-----
<b>Storage temperature:</b>	-15 - 70

**Product from the Archive - production finished**



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## 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-T4200U** 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 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 from **32GB SSD** or **500GB HDD**.



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Integrated card - **Intel RTL8111E** (optional WiFi module) allow connection to the network. The computer is equipped with: one **LAN** port, one **HDMI** port, one **VGA** output, two **USB 2.0**, four **USB 3.0**, one way audio, one microphone input.

## Front panel:



1. Power ON/OFF

2. 2x USB 2.0

## Rear panel:



1. Audio/Mic

2. 4x USB 3.0

3. 1x RJ-45

4. 1x VGA

5. 1x HDMI

6. DC-IN 12V

## Mainboard:



## Cooling

The industrial MiniPC mBOX-T4200U 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 distributing different kind of products. It will certainly find application in all kinds of networks trade.



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