intel inside™ CELERON

2x PCI

SSD

Fanless Industrial Computer MiniPC IBOX-1037UE (2PCI) 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 1037u (2x1.8GHz)
Graphic Card:	Intel HD Graphics
Memory Support:	2GB DDR3 (can up to 8GB)
Installed Memory:	2GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	32 GB SSD
IP Norm:	-----
Temp:	-10 ~ 60
Storage temperature:	-20 - 70
Humidity:	0 ~ 95%
Others:	Colour Black, Case
LAN:	Intel RTL8111E 1000M Lan

Wireless LAN card:	No (opctional Yes)
3G:	No (opctional Yes)
Bluetooth:	-----
Rear Panel (ports):	2x USB 2.0,2x RJ-45, DC-in Jack, 2x PCI,2x COM(RS232),1x VGA
Front Panel (ports):	2x USB 2.0, Power ON
Expansion:	WiFi
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	215 x 185 x 115 mm
Fanless:	Yes
Weight:	2.4 kg

Product from the Archive - production finished

Industrial Fanless

Fanless 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.

IBOX-1037UE (2PCI) is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

Housing dimension are **215 (W) x185 (L) x115 (H) mm.** Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **2.4 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 **32GB SSD** to **128GB SSD** or **500GB HDD**.

Integrated card - **Intel RTL8111E 1000M** (optional WiFi module) allow connection to the network. The computer is equipped with: two **LAN** port, two **COM ports (RS232)** - in this can be 1x COM(RS422/485), one **VGA** output, four **USB 2.0** ports, two **PCI** connector, one way audio, one microphone input and connectors built into the motherboard: two **USB 2.0** ports, two **PowerOUT** outputs, one audio output, one **CPUFAN**, one **LVDS** connector.

LVDS Interface

This is a fast digital interface that is used for many applications requiring: a high resistance to interference electromagnetic, low energy consumption at high data rates. LVDS is used in various applications and industries, including commercial and military applications.

1. 2x USB 2.0

2. Power ON

2x PCI

Cooling

The industrial fanless MiniPC IBOX-1037UE 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., will certainly find application in all kinds of networks trade.

Magazine