Industrial Fanless MiniPC IBOX-D2550C High (WiFi - Bluetooth) v.2

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Colour Black, Case
Chipset:	Intel NM10
CPU Support:	-----
Installed CPU:	Intel Atom Dual Core D2550 (2x1.86GHz)
Memory Support:	2GB DDR3 (can up to 4GB)
Installed Memory:	4GB DDR3
Graphic Card:	Intel GMA3650
Storage (HDD) Support:	-----
Installed Storage (HDD):	64 GB SSD
CD/DVD Drive:	-----
LAN:	2x Intel RTL8111E 1000M Lan
Wireless LAN card:	Yes
Bluetooth:	Yes

3G:	-----
TV Tuner:	-----
Watch Dog Timer:	0 ~ 255 sec
Front Panel (ports):	2x USB 2.0
Rear Panel (ports):	4x USB 2.0, 1x Audio,2x RJ-45, DC-in Jack,1x Mic,6x COM(RS232),1x VGA, 1x LPT,2x PS/2,2x WiFi
Power:	12V
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Dimensions:	234 x 204 x 65 mm
Weight:	2.4 kg
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10 ~ 60
IP Norm:	-----
Storage temperature:	-20 - 70

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-D2550C 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) x92.4 (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 **4GB DDR3** memory. Integrated **Intel GMA3650** 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 **64GB SSD** or **500GB HDD.**

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Integrated card - two **Intel 1000M Lan RTL8111E** (optional WiFi module) allows connection to the network. The computer is equipped with: two LAN ports, six **COM ports (RS232)**, one **VGA** output, one **LPT** port, six **USB 2.0** ports, one way audio, one microphone input and connectors built into the motherboard: four **USB 2.0** ports, two **PowerOUT** outputs, one audio output, one **CPUFAN**, one **LVDS** connector.

LVDS Interface

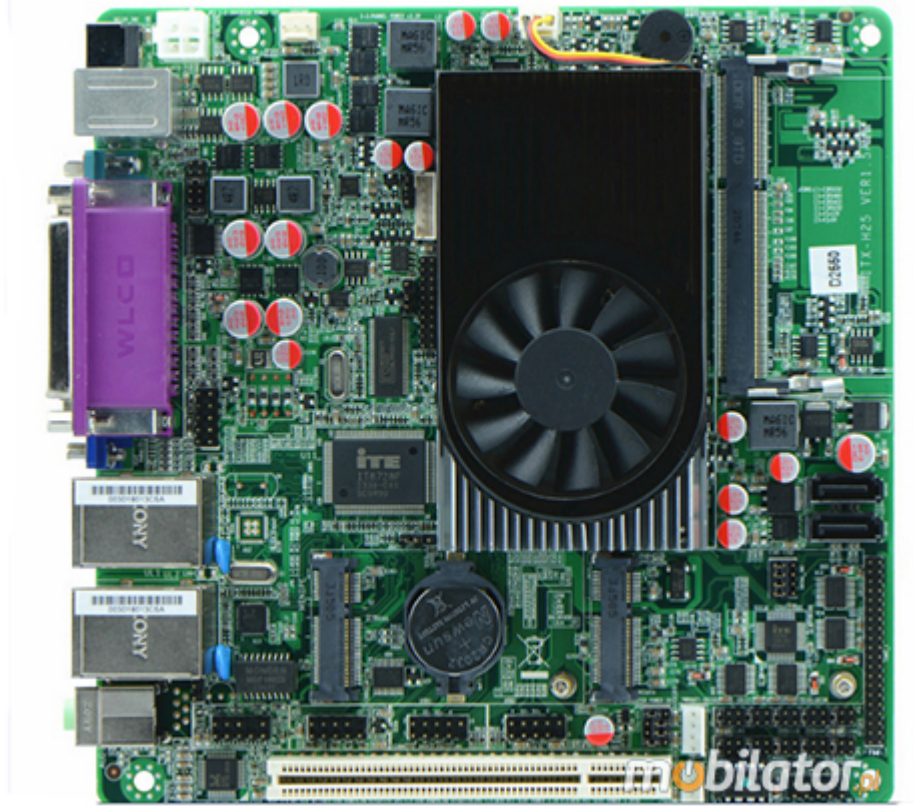
This is a fast digital interface that is used for many applications requiring: a high resistance to interference electromagnetic, low energy consumption at high data rates. LVDS is used in various applications and industries, including commercial and military applications.

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.

1. Power ON/OFF
2. 2x USB 2.0

Mainboard:



Cooling

The industrial fanless MiniPC IBOX-D2550C 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

Industrial fanless MiniPC IBOX-D2550C by up to six COM ports (RS232) can be used to connect multiple devices in the automation, also make them easier to control. Its durable housing is perfectly designed for the harsh conditions prevailing in these areas. Any dust or dirt does not impede him in his work, will work without any problems even in

Net 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