



Industrial MiniPC IBOX-H25-X7

Category:	MiniPC Industry
Manufacturer:	Mobikator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel NM70
CPU Support:	-----
Installed CPU:	Intel Atom D2550 (2x1.86GHz)
Graphic Card:	Intel GMA3650
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 RTL8105E 100M Lan
Wireless LAN card:	No (opctional Yes)
3G:	-----

Bluetooth:	-----
Rear Panel (ports):	4x USB 2.0, 1x Audio, 2x RJ-45, DC-in Jack, 1x VGA, 1x Mic, 1x LPT, 1x COM(RS232)
Front Panel (ports):	2x USB 2.0, Audio/Mic, 5x COM(RS232)
Expansion:	WiFi
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	211 x 204 x 45 mm
Fanless:	-----
Weight:	2,4 kg

Product from the Archive - production finished



Industrial MiniPC

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 heat-pipe technology and aluminum fans for passive cooling.

IBOX-H25-X7 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

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Housing dimension are **211 (W) x204 (L) x85 (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 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 from **32GB SSD** to **256GB SSD** (from **320GB** to **1TB HDD**).



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Integrated card - **Intel RTL8105E 100M** (optional WiFi module) allow connection to the network. The computer is equipped with: two **LAN** ports, five **COM ports (RS232)**, six **USB 2.0** ports, one **LPT** input, one **VGA** input, 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 **JVGA** connector, one **LVDS** connector.

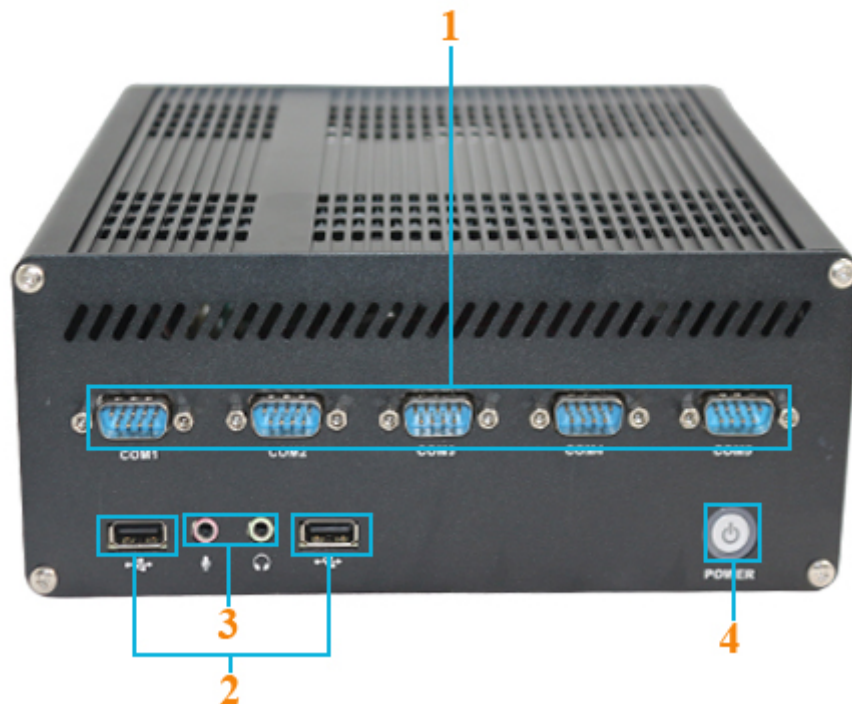
LVDS Interface

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.

Front panel:



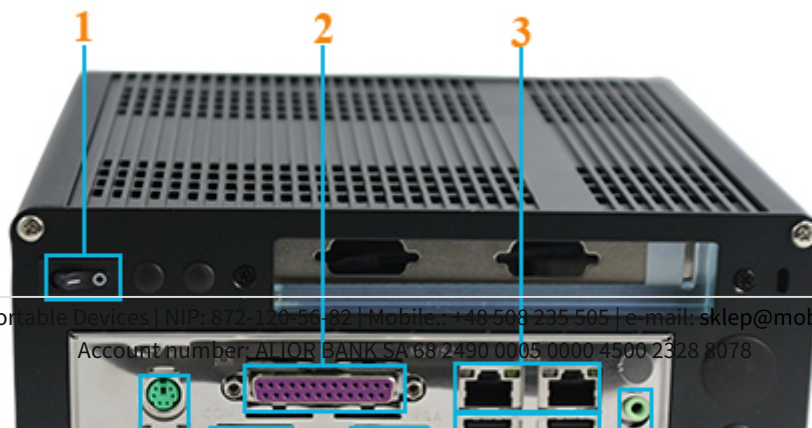
1. 5x COM(RS232)

2. 2x USB 2.0

3. Audio/Mic

4. Power

Rear panel:



Mainboard:



Cooling

The industrial MiniPC IBOX-H25-X7 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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