



Industrial Fanless MiniPC IBOX-D2550A Top (3G)

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: XP/Vista/7 , Linux
Installed OS:	-----
Chipset:	Intel NM10
CPU Support:	-----
Installed CPU:	Intel Atom Dual Core D2550 (2x1.86GHz)
Graphic Card:	Intel GMA3650
Memory Support:	2GB DDR3 (can up to 4GB)
Installed Memory:	4GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	64 GB SSD or 320GB HDD
IP Norm:	-----
Temp:	-10 ~ 60
Storage temperature:	-20 - 70

Humidity:	0 ~ 95%
Others:	Colour Black, Case
LAN:	2x Intel RTL8111E 1000M Lan
Wireless LAN card:	-----
3G:	Yes
Bluetooth:	-----
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
Front Panel (ports):	2x USB 2.0, 1x Audio, 1x Mic
Expansion:	WiFi
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	234 x 204 x 65 mm
Fanless:	Yes
Weight:	2.4 kg

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 heat-pipe technology and aluminum fins for passive cooling.

IBOX-D2550A is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

[go top . . .](#)

Housing dimensions are **234 (W) x204 (L) x65 (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 **32GB SSD or 320GB HDD**.



[go top . . .](#)

LVDS Interface

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.

This image shows the rear panel of the device, which features a USB Type-A port, a 3.5mm audio jack, a USB Type-B port, and a power button. Red lines and numbers indicate the following components:

- 1: Points to the USB Type-A port.
- 2: Points to the 3.5mm audio jack.
- 3: Points to the power button.

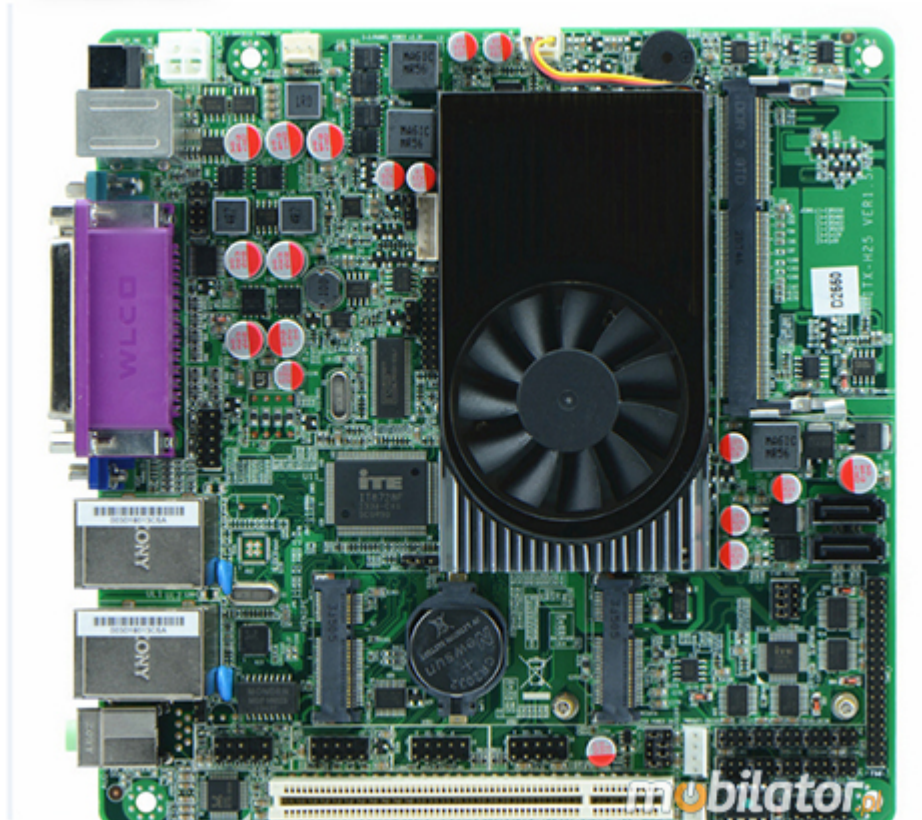
1. 2x USB 2.0
2. Audio, Mic
3. Power

The image shows the rear panel of the NXP i.MX6UL Single Board Computer (SBC). Red numbered callouts (1-9) point to the following components:

- 1: Mouse (USB Type-A port)
- 2: Keyboard (USB Type-A port)
- 4: Parallel Port (DB-25 connector)
- 5: VGA1 (VGA port)
- 6: USB/LAN1 (USB Type-A and RJ45 ports)
- 7: USB/LAN2 (USB Type-A and RJ45 ports)
- 8: Audio (3.5mm jack)
- 9: WIFI (Two antenna connectors)

Other visible components include a COM1 port, a Mic port, and multiple video ports (VGA, DVI, HDMI) at the bottom.

Meinboard:



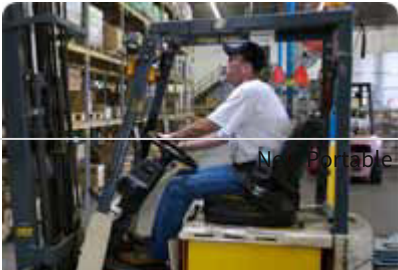
Cooling

The industrial fanless MiniPC IBOX-D2550A 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.

[go top . . .](#)

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-D2550A by up to six COM ports (RS232) can be used to New Portable Devices for multiple mobile applications. It is 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

