Industrial Computer Fanless MiniPC IBOX-Core I5-5250U-NUC1 v.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	Intel i5 Dual Core 5250U (2x1,6GHz)
Graphic Card:	Intel HD Graphics
Memory Support:	2GB DDR3 (can up to 8GB)
Installed Memory:	4GB DDR3
Storage (HDD) Support:	-----
Installed Storage (HDD):	32 GB SSD
IP Norm:	-----
Temp:	-10 60
Storage temperature:	-10 ~ 60
Humidity:	0 ~ 95%
Others:	Colour Black/Silver
LAN:	Intel 82583V 1000M Lan

Wireless LAN card:	Yes
3G:	-----
Bluetooth:	-----
Rear Panel (ports):	DC-IN 12V, 1x RJ-45 LAN, 1x mini DP 1x USB 3.0, 1x HDMI
Front Panel (ports):	2x USB 3.0, 1x Audio, Power ON/OFF
Expansion:	-----
Power:	12V
Watch Dog Timer:	0 ~ 255 sec
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	115 x 111 x 39 mm
Fanless:	Yes
Weight:	1.6 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-Core I5-5250U-NUC1 is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.
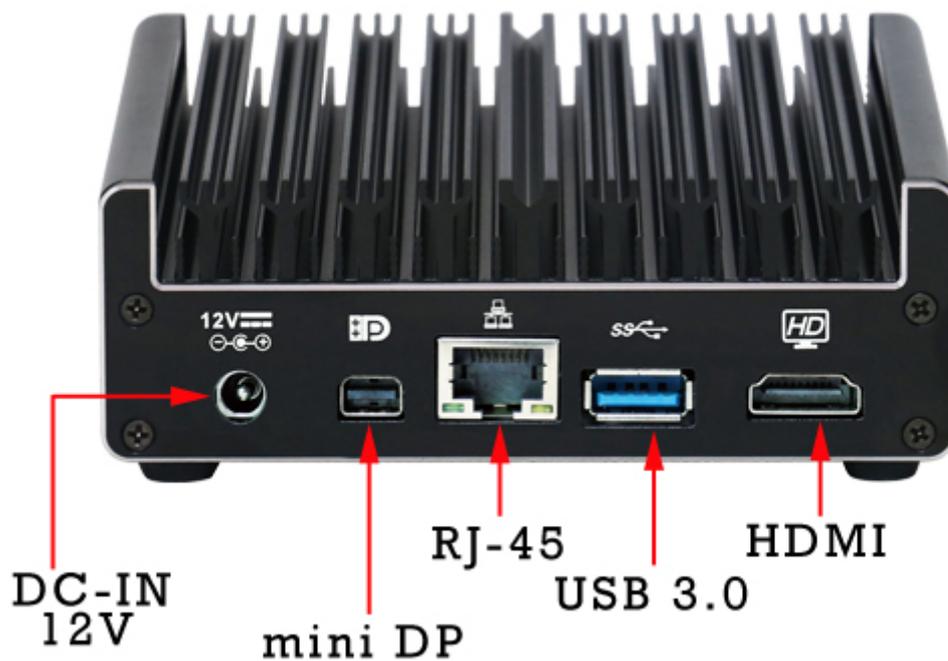
Housing dimensions are **115 (W) x111 (L) x39 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model with weight of only **1.6 kg** is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

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 ALC892** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality. Disks offer free space **32GB/64GB/128GB SSD**.

Integrated card - **Intel 82574L Gigabit 1000M Lan** and **WiFi** module allows connection to the network. The computer is equipped with: one **LAN** port, one **mini DP** port, one **HDMI** port, three **USB 3.0** ports and a built-in connector on the motherboard: one **SATA** port and one **Mini-PCIE** connector.

Cooling

The industrial fanless MiniPC IBOX-Core I5-5250U-NUC1 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.

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.

Industrial fanless MiniPC IBOX-Core I5-5250U-NUC1 by USB ports can be used to connect