



3 YEARS WARRANTY Industrial Computer
Fanless MiniPC HyBOX B4PMF-i5 4200u
v.3.1

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/8.1/10 Linux
Installed OS:	-----
Chipset:	Intel Haswell
CPU Support:	-----
Installed CPU:	Intel Core i5-4200U (2x1.6GHz)
Graphic Card:	Intel HD Graphics 4400
Memory Support:	DDR3L (max. 8GB) 1600MHz SO-DIMM
Installed Memory:	4GB DDR3L (1 year warranty)
Storage (HDD) Support:	-----
Installed Storage (HDD):	500GB HDD + 64GB SSD (1 year warranty)
IP Norm:	-----
Temp:	X 100
Storage temperature:	X 100
Humidity:	10 ~ 85%
Others:	Color Black
LAN:	2x Intel 82574L Gigabit

Wireless LAN card:	Yes
3G:	-----
Bluetooth:	-----
Rear Panel (ports):	DC-IN 12V2x RJ-45 LAN2x HDMI6x COM(RS232)
Front Panel (ports):	4x USB 2.04x USB 3.02x AudioPower ON/OFF
Expansion:	HDMI CableHDMI to DVI CableHDMI to VGA Cable
Power:	12V
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	234 x 175 x 50 mm
Fanless:	Yes
Weight:	1.5kg

Product from the Archive - production finished

HyBOX B4PMF-i5 4200u



mobilator.pl

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 of heat-pipe technology and aluminum fans for passive cooling.

MiniPC Nuc HyBOX B4PMF-i5 4200u 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) x175 (L) x50 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

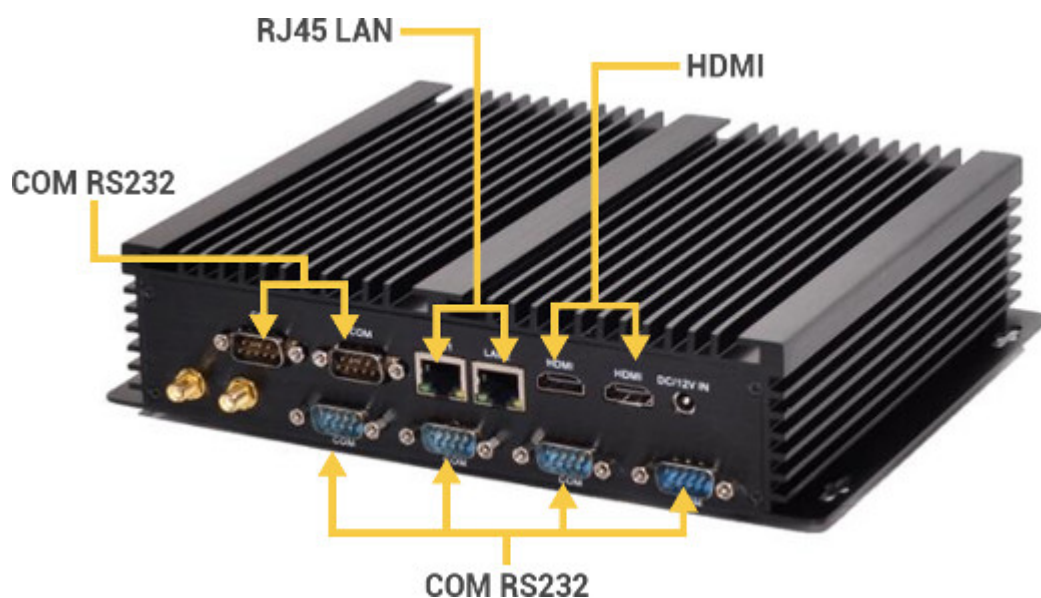
Using the latest technology Digital Engine (industrial fanless MiniPC) is designed for continuous multitasking operating with low power consumption. An important advantage is the effective combination of small size with considerable opportunities through the use of Intel's processor family, Intel chipset and **4GB/8GB DDR3L** memory. Integrated **Intel HD Graphics 4400** video and audio **ALC892** allow you to play a wide range of applications and media files (video, audio) - in Full HD quality. Disks offer free space **64GB/128GB/256GB** and **500GB/1TB/2TB HDD**.

The 3-year limited warranty does not apply to RAM and hard disk drive, which is provided with a separate one-year limited warranty!



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Integrated card - **Intel 82574L Gigabit** and the **Wi-Fi** module allow connection to the network. The computer is equipped with: two **LAN** ports, two **HDMI** ports, four **USB 3.0** ports, four **USB 2.0** ports, six **COM(RS232)** ports, one **Mic** and one **Speaker** port and a built-in connector on the motherboard: **SATA** port and **mSATA** port.





Cooling

The industrial fanless MiniPC HyBOX B4PMF-i5 4200u 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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Industrial MiniPC HyBOX B4PMF-i5 4200u are based on high-performance quad-core processors and high-quality components. Mini computers are locked in small industrial housing which perfectly discharge heat from the device interior. Wide choice of HyBOX models can give possibility to configure, enabling optimal selection of mini computer to multimedia applications and industrial applications. The biggest advantage of these devices are: small size, performance and energy efficiency. An extra pair of brackets at the bottom of the enclosure increases the possibility of installation in all kinds of places and positions. Offered model mini PC has been selectively chosen and configured specifically to the requirements of Digital Signage systems, gaming machines, amusement machines, information kiosks and industrial automation systems.



Areas of use of industrial MiniPC

Digital Engine



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 HyBOX B4PMF-i5 4200u by USB and COM ports can be used to connect multiple devices in the store or warehouse and 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 high concentrations of dust and in polluted environments.

Transport and cars

MiniPC HyBOX B4PMF-i5 4200u can be used on transport market, in cars, through adapting him to operate with a supply 12V. Mini computer can be used in cars, buses, trams, taxis, trains, and even airplanes. Thanks to its functions is suitable for all vehicles in which the restriction is a small space to mount additional hardware.



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