

Computer Industrial Fanless MiniPC IBOX-513NB v.2



Category:	MiniPC Industry
Manufacturer:	Mobikator
Others:	Colour Black
Chipset:	Intel express chipset
CPU Support:	-----
Installed CPU:	Intel i3 7100U (2x2,4GHz)
Memory Support:	DDR4 (max.32GB) 1866/2133MHz SO-DIMM
Installed Memory:	4GB DDR4
Graphic Card:	Intel HD Graphics 620
Storage (HDD) Support:	SSD/HDDmSATA
Installed Storage (HDD):	500GB HDD
CD/DVD Drive:	-----
LAN:	Intel 82583 10/100/1000M Lan
Wireless LAN card:	Yes - 802.11 b/g/n
Bluetooth:	Bluetooth 4.0
3G:	-----
TV Tuner:	-----
Watch Dog Timer:	0 ~ 255 sec

Front Panel (ports):	4x USB3.0 1x RJ-45 COM(RS232)Power ON/OFF 1x HDMI
Rear Panel (ports):	DC-IN 12V, 6x RJ-45 LAN
Power:	12V
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Dimensions:	155 x 126,5 x 52,5 mm
Weight:	1600g
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10 60
IP Norm:	-----
Storage temperature:	-20 ~ 80

Product from the Archive - production finished

IBOX 513N



mobikator.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.

Industrial Fanless MiniPC IBOX-513NB is a series of devices for industrial applications requiring continuous operation - 24 hours, 7 days a week.

[go top](#) . . .

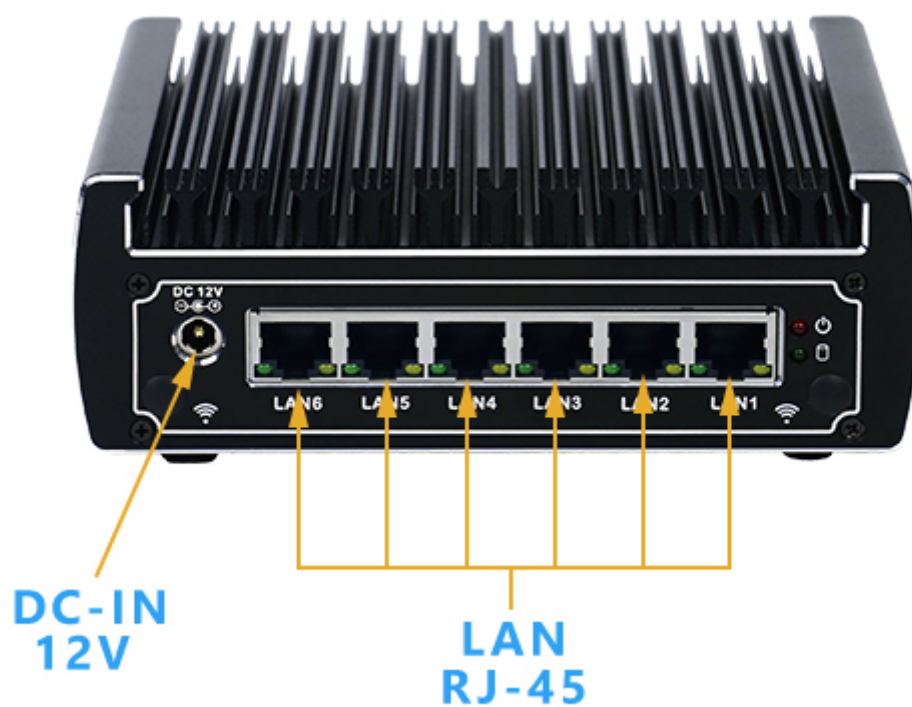
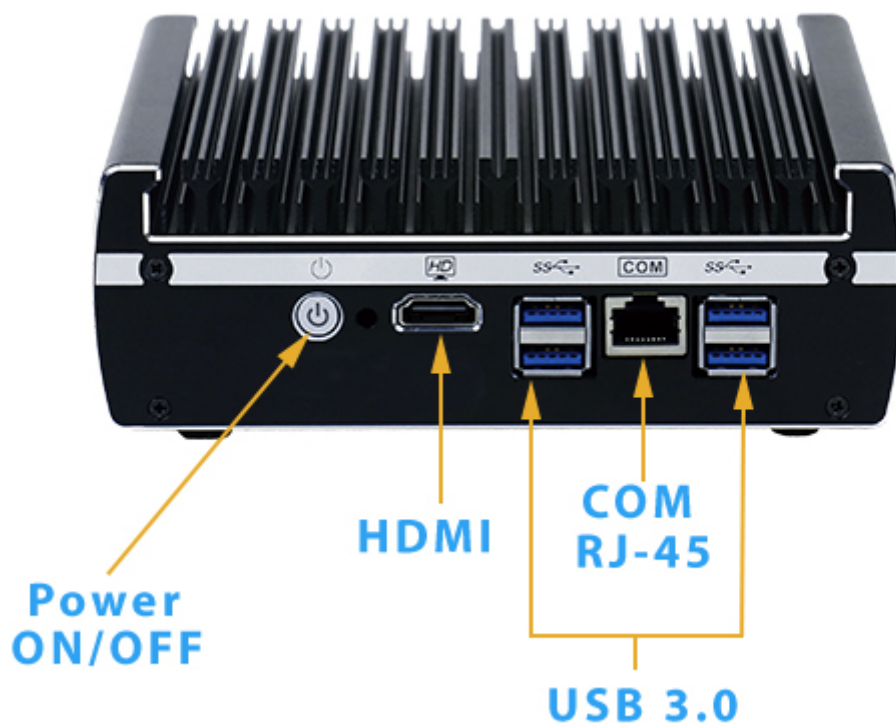
Housing dimensions are **155 (W) x126,5 (L) x52,5 (H) mm**. Housing is made of high quality aluminum what ensures a very high resistance to mechanical damages. This model is ready at any time for operation even in extreme conditions such as heat, cold, vibration.

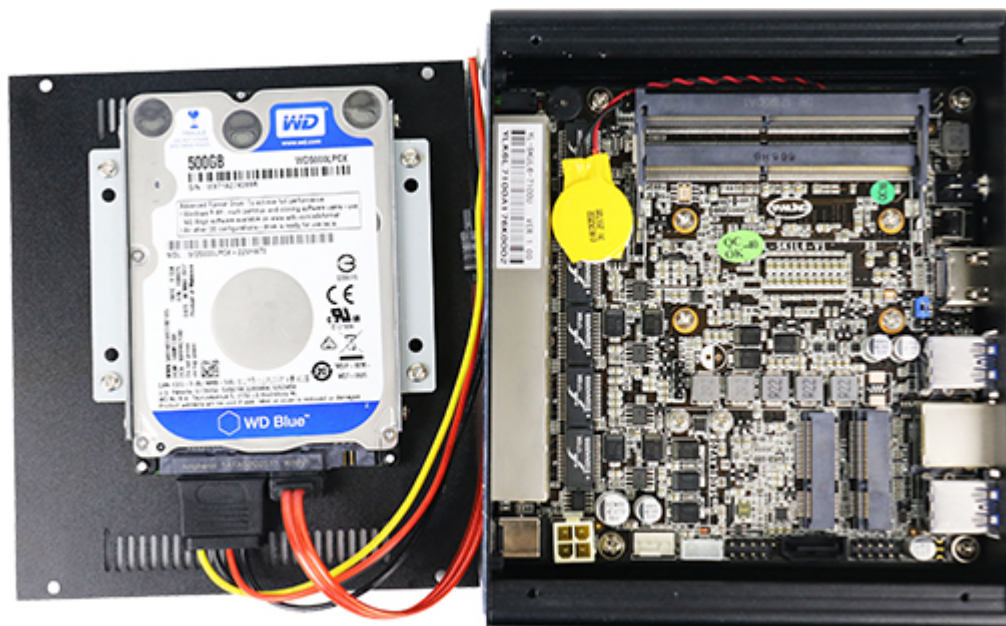
Using the latest technology Digital Engine (industrial fanless MiniPC) is designed for continuous multitasking operating with low power consumption. An important advantage is the effective combination of small size with considerable opportunities through the use of Intel's processor family, Intel chipset and **4/8/16/32GB DDR4** memory. Integrated **Intel HD Graphics 610** 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/128GB/256GB SSD and 500GB HDD**.



[go top . . .](#)

Integrated card - **Intel 82583V 10/100/1000M Lan** and **WiFi+Bluetooth** module allow connection to the network. The computer is equipped with: six **LAN** ports, one **HDMI** ports, four **USB 3.0** ports, one **RJ-45 COM (RS232)** ports.





Cooling

The Industrial Computer Fanless MiniPC IBOX-513NB 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.

[go top . . .](#)

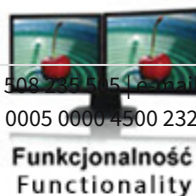
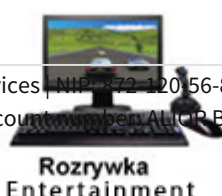
Industrial Computer Fanless MiniPC IBOX-513NB are based on high-performance dual-core processors and high-quality components. Mini computers are locked in small industrial housing which perfectly discharge heat from the device interior. Wide choice of IBOX models can give possibility to configure, enabling optimal selection of mini computer to multimedia applications and industrial applications. The biggest advantages 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



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