



IBOX N185 v.5 - Multifunctional, industrial miniPC with 6x RJ-45 LAN, 1x DC back ports and USB 3.0 x4, 1x HDMI, RJ-45 COM front ports

<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobikator
<b>Supported OS:</b>	Windows: 7/10   Linux   Kool Share   iKuai
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel Chipset
<b>CPU Support:</b>	Intel Core
<b>Installed CPU:</b>	Intel Core i5-8250U (4x1.60GHz)
<b>Graphic Card:</b>	Intel UHD Graphics 620 300MHz
<b>Memory Support:</b>	2x DDR4 2133/2400 MHz SODIMM (max.32GB)
<b>Installed Memory:</b>	<b>8GB DDR4</b>
<b>Storage (HDD) Support:</b>	SSD   HDD
<b>Installed Storage (HDD):</b>	<b>256GB SSD</b>
<b>IP Norm:</b>	-----
<b>Temp:</b>	-20°C do 50°C
<b>Storage temperature:</b>	0°C do 60°C

<b>Humidity:</b>	0% ~ 95%
<b>Others:</b>	Color Black
<b>LAN:</b>	6x Intel i211 AT 10/100/1000M LAN
<b>Wireless LAN card:</b>	None (Available in a different version)
<b>3G:</b>	-----
<b>Bluetooth:</b>	No (Available in a different version)
<b>Rear Panel (ports):</b>	6xRJ-45 (1000M) LAN1xDC
<b>Front Panel (ports):</b>	4xUSB 3.01xRJ-45 COM1xHDMI
<b>Expansion:</b>	-----
<b>Power:</b>	12V
<b>Watch Dog Timer:</b>	Yes
<b>CD/DVD Drive:</b>	-----
<b>TV Tuner:</b>	-----
<b>Dimensions:</b>	186mm x 126.5mm x 66mm
<b>Fanless:</b>	Yes
<b>Weight:</b>	1.3kg

**2 983,61 zł**

net price: 2 425,70 zł

# IBOX N185



## SPECIFICATION

## RESISTANCE

## DATA COLLECTING

## WIRELESS COMMUNICATION

## APPLICATION

## ACCESSORIES AND AVAILABLE VERSIONS

Small dimensions industrial computers excel in environments where dust, dirt and moisture predominate. They are ideal for applications requiring quiet operation. Small and reliable MiniPC use heat-pipe technology and aluminum fins for passive cooling. The robust mini Industrial Computer IBOX N185 is a device designed for all industrial and non-continuous applications

requiring continuous operation - 24 hours, 7 days a week.



### Small dimensions

The compact housing means that the Mini PC will fit wherever you need it and is easy to carry.



### Lightweight design

The computer's weight does not exceed 2 kg, so it can be conveniently carried in a bag or backpack.



### Efficient components

The Intel Core i5-8250U quad-core CPU provides improved device performance.



### Wireless network \*

The mini PC can be connected to nearby

wireless networks by equipping it with an optional Wi-Fi module.

## SSD

### Quick start

A modern SSD drive will increase the speed of application programs and ensure quiet computer operation.



### Passive cooling

The use of passive cooling in the Mini PC ensures silent operation and slows dust deposition.

\* Optional equipment, available only in other versions of the device.

## SPECIFICATION

### Mini-PC IBOX N185

Processor	Intel Core i5-8250U (4x1.60GHz)
Operating system	Support: Windows 7/10, Linux, Kool Share, iKuai
RAM	8GB DDR4
Drives	256GB SSD

Mini-PC IBOX N185	
Graphics card	Intel UHD Graphics 620 300MHz
Connectivity	None
Front panel	4xUSB 3.0   1xRJ-45 COM   1xHDMI
Rear panel	6xRJ-45 (1000M) LAN   1xDC
Available colors	Black
Dimensions	186 x 126.5 x 66 mm
Weight	1.3 kg

\* Optional equipment, available only in other versions of the device.

 Detailed device specification is available in the "Technical data".

### Efficient processor



The industrial mini-computer IBOX N185 uses an efficient and energy-saving Intel Core i5-8250U processor. Inside it there are four cooperating cores enabling more efficient processing of many tasks at the same time. The shared cache memory in which the multilevel

hierarchy is used is dynamically allocated to each processor core depending on the load. This reduces the average access time to the main memory.

## Interfaces



## Dimensions



Thanks to the small dimensions of the MiniPC, the is versatile for use at home, in the office and in the industry, for example in the production hall. It's literally everywhere, and thanks to the VESA mount it can be mounted on the back of the monitor to optimize the job.

<b>Dimensions</b>	186 x 126.5 x 66mm
<b>Weight</b>	1.3kg

Passive cooling

The industrial Mini PC uses a proven cooling system, based only on solid elements, mainly heat sinks. The system uses the phenomenon of metals passing thermal energy into the environment - there are no additional moving elements in the form of eg fans. This solution ensures noiseless operation, lower failure rate and greater protection against dust and other dirt while reducing the amount of energy consumed.

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## RESISTANCE AND DURABILITY



### Temperatures

IBOX

N185

is designed for continuous operation in both very low and high temperatures ranging from  $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ . If the device is switched off, it can already handle temperatures in the range of  $0^{\circ}\text{C}$  to  $60^{\circ}\text{C}$ .

<b>Work temp.</b>	$-20^{\circ}\text{C}$ do $50^{\circ}\text{C}$ (Industrial SSD)
<b>Storage temp.</b>	$0^{\circ}\text{C}$ do $60^{\circ}\text{C}$ (Industrial SSD)
<b>Humidity</b>	0% to 95%

### Mechanical damage

The passive cooling system used in the MiniPC IBOX N185 combined with the non-disk SSD

make this computer very resistant to various types of mechanical injuries. An additional advantage of industrial computers is a solid construction made of high quality aluminum and specially designed in such a way that in addition to high efficiency in heat dissipation, it can also resist any external damage.

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## CONNECTIVITY AND COMMUNICATION

### Wireless network \* (Option)

The dual-band Wi-Fi module

\* provides quick access to the network wherever you can connect to secured or open Wi-Fi networks. This is a convenient solution for people who have a router at home or place of residence and a wireless network that can be used at no extra charge. Industrial mini-PC IBOX N185 has been equipped the standard of - 802.11n, which allows transfer of files at a dizzying speed of up to 300 Mb / s.

### Wired LAN Network

The MiniPC IBOX N185 has a built-in Intel network adapter that can work in a fast Gigabit Ethernet network.



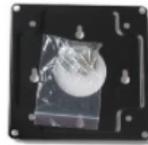
\* Optional equipment, available only in other versions of the device.

## DEVICE APPLICATION

Trade and service

Mini PC is an ideal tool to support us in the implementation of many activities in the field of trade, small dimensions increase the possibility of its adaptation to activities such as issuing invoices or preparing documentation, which in turn allows us to convenient and optimal sales management. The VESA holder mounted to the housing provides many installation options, eg in stores (at the cash register, under the desktop, behind the LCD / LED monitor), in factory halls or in a delivery truck.

VESA



## Warehouse and logistics

Thanks high performance an industrial computer can be used to connect multiple devices in a warehouse and make their management much easier. Its rugged casing and the fanless cooling system are ideal for harsh environments in such rooms. The solid construction guarantees long-lasting work, even in environments with high dustiness and dirt.



## Transport and motorization

A small industrial computer can be used in transport thanks to the ability to work on 12V power supply. The mini computer can be used in passenger cars, buses, trams, taxis, trains and even in airplanes. It allows you to inform the driver about the current state of the vehicle, transfer its current location to the management center, display information for passengers, etc. It performs well in vehicles where small dimensions are important.



More photos in full resolution available in the "Gallery".

## AVAILABLE VERSIONS

The industrial mini-computer IBOX N185 is offered in several versions to suit different needs. By clicking on the number of the hardware configuration you will be redirected to the product with the parameters given in the table below. In addition, it is possible to create a configuration that is currently unavailable on the customer's request.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8	v.9
4GB RAM	—				—	—	—	—	—
8GB RAM	—	—	—	—			—	—	—
16GB RAM	—	—	—	—	—	—			—
32GB RAM	—	—	—	—	—	—	—	—	
64GB SSD	—		—	—	—	—	—	—	—
128GB SSD	—	—		—	—	—	—	—	—
256GB SSD	—	—	—			—	—	—	—
512GB SSD	—	—	—	—	—				

1TB HDD	—	—	—	—	—	—	—	—
2TB HDD	—	—	—	—	—	—	—	—
WiFi + Bluetooth	—	—	—	—	—			