



IBOX N5B v.1 - BAREBONE rugged miniPC with Intel Celeron quad-core processor, 2x USB 2.0, 2x USB 3.0, 2x RS232 and 2x LAN ports



<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobikator
<b>Supported OS:</b>	Windows: 7/8//10   Linux
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel Chipset
<b>CPU Support:</b>	Intel® Celeron® N3160
<b>Installed CPU:</b>	Intel® Celeron® N3160 (4x1.60GHz)
<b>Graphic Card:</b>	Intel® HD Graphics 320MHz
<b>Memory Support:</b>	1x DDR3L SO-DIMM Socket (Do 8G, 1333/1600MHz)
<b>Installed Memory:</b>	<b>None</b> (Available in a different version)
<b>Storage (HDD) Support:</b>	SSD MSATA, HDD SATA
<b>Installed Storage (HDD):</b>	<b>None</b> (Available in a different version)
<b>IP Norm:</b>	-----
<b>Temp:</b>	from 0°C to 50°C
<b>Storage temperature:</b>	from 10°C to 60°C (HDD), from -10°C to 60°C (SSD)
<b>Humidity:</b>	5%~95%
<b>Others:</b>	Black

<b>LAN:</b>	2x RJ-45 LAN
<b>Wireless LAN card:</b>	<b>None</b> (Available in a different version)
<b>3G:</b>	-----
<b>4G LTE:</b>	-----
<b>Bluetooth:</b>	<b>None</b> (Available in a different version)
<b>Rear Panel (ports):</b>	2xRJ-45 LAN   2x HDMI   1xDC   1xAudio   1xDisplayPort
<b>Front Panel (ports):</b>	2x USB 3.0   2x USB 2.0   2x RS232 COM   Power button
<b>Expansion:</b>	Power Adapter, Power Cord, Bracket
<b>Power:</b>	12V4A
<b>Watch Dog Timer:</b>	-----
<b>CD/DVD Drive:</b>	-----
<b>TV Tuner:</b>	-----
<b>Dimensions:</b>	134 x 126 x 38.5mm
<b>Fanless:</b>	Yes
<b>Weight:</b>	0.7 kg

**Product from the Archive - production finished**

# IBOX N5B



## SPECIFICATION

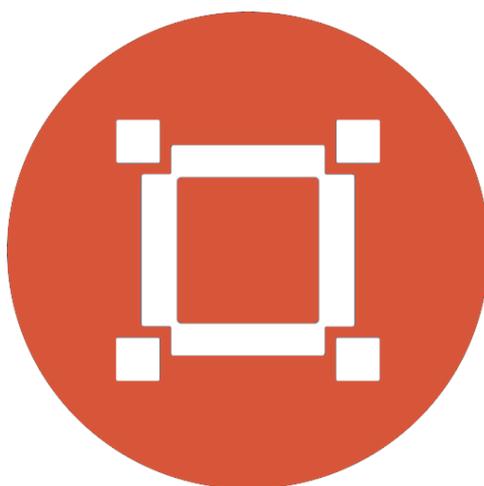
## RESISTANCE

## WIRELESS COMMUNICATION

## DEVICE APPLICATION

## 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 N5B 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 1 kg, so it can be conveniently carried in a bag or backpack.



### Efficient components

The

Intel

Celeron N3160

quad-core CPU provides

improved device

performance.



### Wireless network \*

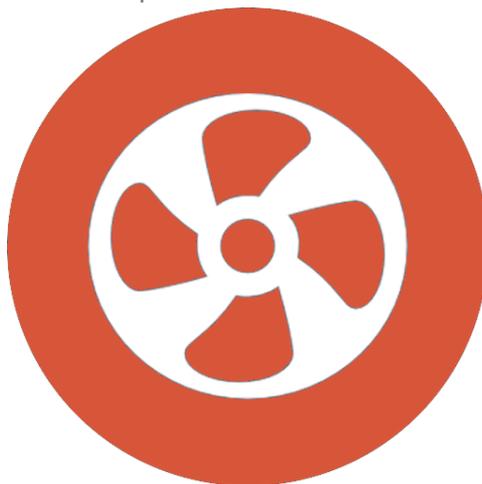
The mini PC can be connected to nearby wireless networks by equipping it with an optional Wi-Fi module.



### 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 N5B

Processor	Intel® Celeron® N3160 ( 4x1.6GHz)
Operation system	Support: Windows 7/8/10   Pfsense Linux
RAM	None (DDR3L 1333/1600MHz SO-DIMM: 4 GB   8 GB) *
Drive	None (SSD MSATA: 64GB   128 GB   256 GB   512 GB) * None (HDD SATA: 500 GB   1TB   2TB) *
Graphic card	Intel® HD Graphics 320MHz
Connectivity	WiFi * Bluetooth * LAN: 2x RJ-45 LAN
Front panel	2x USB 3.0   2x USB 2.0   2xRS232 COM   Power button
Rear panel	2xRJ-45 LAN   2x HDMI   1xDC   1xAudio   1xDP
Available colors	Black
Dimensions	134 x 126 x 38.5mm
Weight	0.7 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 N5B uses an efficient and energy-saving Intel Celeron N3160. Inside it there are four independent central processing units. The shared cache memory, whose main purpose is to provide the necessary stored information to the processor without any interruptions, delays or wait states. It also helps to reduce data access time, especially in some events where that particular data has already been accessed before, so it does not need to be reloaded.

## Interfaces

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## Dimensions

Thanks to the small dimensions of the MiniPC, the IBOX N5B is versatile for use at home, in the office and in the industry, for example in the production hall. It fits almost anywhere.

<b>Dimensions</b>	134 x 126 x 38.5mm
<b>Weight</b>	0.7 kg

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, for example, fans. This solution ensures noiseless operation, lower failure rate and greater protection against dust and other dirt while reducing the amount of energy consumed.

## RESISTANCE AND DURABILITY



### Temperatures

IBOX

N5B

is designed for continuous operation in both very low and high temperatures ranging from 0°C to 50°C. If the device is switched off, it can already handle temperatures in the range of -20°C to 50°C.

<b>Work temp.</b>	from 0°C to 50°C
<b>Non-Operating temp.</b>	from 10°C to 60°C (HDD)   from -10°C to 60°C (SSD)
<b>Humidity</b>	5%~95%

### Mechanical damage

The passive cooling system used in the MiniPC IBOX N5B

combined with the SSD\* makes 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.

\*

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

## CONNECTIVITY AND COMMUNICATION

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## 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 N5B

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 N5B

has built-in network adapter that can work in a fast Gigabit Ethernet network.



## 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 holder mounted to the housing provides many installation options, eg in stores (at the cash register, under the desktop), in factory halls or in a delivery truck.



## 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. Then 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 N5B is offered in several versions to suit different needs. It comes with a power adapter, power cord, and bracket. By clicking on the number of the hardware configuration you will be redirected to the product with the parameters given in the table below.

	v.1	v.2	v.3	v.4	v.5	v.6	v.7	v.8	v.9	v.10
WiFi	—	+	+	+	+	+	+	+	+	+
Bluetooth	—	+	+	+	+	+	+	+	+	+
4GB RAM	—	—	+	+	—	—	—	+	—	—
8GB RAM	—	+	—	—	+	+	+	—	+	+
64GB SSD	—	—	+	—	—	—	—	—	—	—
128GB SSD	—	—	—	+	+	—	—	—	—	—
256GB SSD	—	—	—	—	—	+	—	—	—	—
512GB SSD	—	+	—	—	—	—	+	—	—	—
500GB HDD	—	—	—	—	—	—	—	+	—	—
1TB HDD	—	+	—	—	—	—	—	—	+	—
2TB HDD	—	—	—	—	—	—	—	—	—	+