



IBOX N5B v.3 - Rugged miniPC with Intel Celeron processor, 128GB SSD, 4GB RAM, 2x USB 2.0, 2x RS232, 1x DP, 2x USB 3.0 and 2x RJ-45 LAN ports



Category:	MiniPC Industry
Manufacturer:	Mobikator
Supported OS:	Windows: 7/8//10 Linux
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel® Celeron® N3160
Installed CPU:	Intel® Celeron® N3160 (5x1.60GHz)
Graphic Card:	Intel® HD Graphics 320MHz
Memory Support:	1x DDR3L SO-DIMM Socket (Do 8G, 1333/1600MHz)
Installed Memory:	4GB RAM
Storage (HDD) Support:	SSD MSATA
Installed Storage (HDD):	128GB SSD
IP Norm:	-----
Temp:	from 0°C to 50°C
Storage temperature:	from 10°C to 60°C (HDD), from -10°C to 60°C (SSD)
Humidity:	5%~95%
Others:	Black

LAN:	2x RJ-45 LAN
Wireless LAN card:	Yes
3G:	-----
4G LTE:	-----
Bluetooth:	Yes
Rear Panel (ports):	2xRJ-45 LAN 2x HDMI 1xDC 1xAudio 1xDisplayPort
Front Panel (ports):	2x USB 3.0 2x USB 2.0 2x RS232 COM Power button
Expansion:	Power Adapter, Power Cord, Bracket
Power:	12V4A
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	134 x 126 x 38.5mm
Fanless:	Yes
Weight:	0.7 kg

Product from the Archive - production finished

IBOX N5B



SPECIFICATION

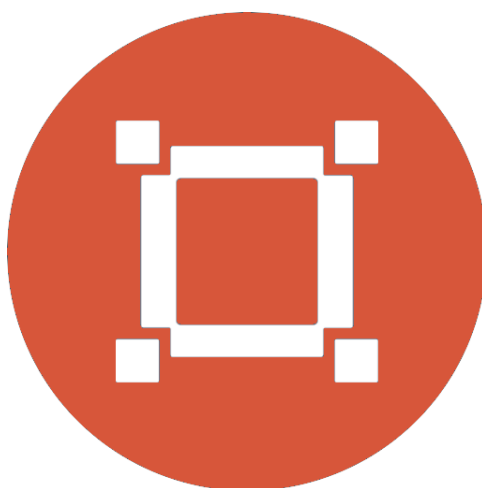
RESISTANCE

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.

SPECIFICATION

Mini-PC IBOX N5B

Processor	Intel® Celeron® N3160 (4x1.6GHz)
Operation system	Support: Windows 7/8/10 Pfsense Linux
RAM	DDR3L 1333/1600MHz SO-DIMM: 4 GB
Drive	SSD MSATA: 128GB
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



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



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.

Dimensions

134 x 126 x 38.5mm

Weight

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

Iwill



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.

Work temp.	from 0°C to 50°C
Non-Operating temp.	from 10°C to 60°C (HDD) from -10°C to 60°C (SSD)
Humidity	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.

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 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
IBOX

MiniPC
N5B

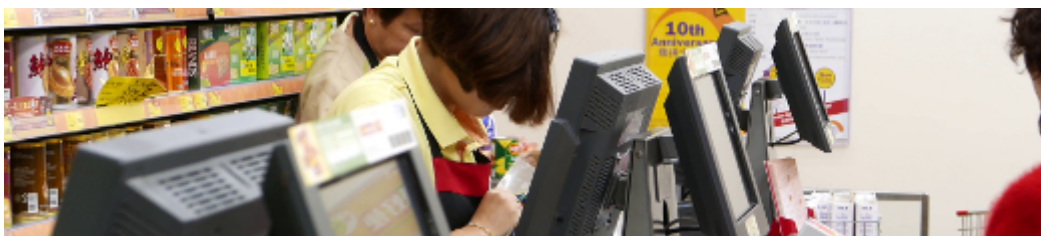
has built-in network adapter that can work in a fast Gigabit Ethernet network.



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

