iBOX N112 v.4

IBOX N112 v.4 - MiniPC with Intel Celeron processor, HDMI, VGA, USB 2.0, RS232 inputs, 256GB SSD disk and 4GB DDR3L RAM

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Windows: 7/8/10 | Linux | Pfsense
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel Celeron
Installed CPU:	Intel Celeron J1900
Graphic Card:	Intel HD Graphics 688 Mhz
Memory Support:	DDR3L (max 8GB)
Installed Memory:	4GB
Storage (HDD) Support:	SSD (SATA, M.2), HDD
Installed Storage (HDD):	256GB SSD
IP Norm:	-----
Temp:	-20°C — 60°C
Storage temperature:	-10°C — 70°C
Humidity:	0% ~ 95%
Others:	Color Silver Blue
LAN:	1*Intel i211-AT 1000M LAN
Wireless LAN card:	Yes

3G:	-----
4G LTE:	-----
Bluetooth:	tak
Rear Panel (ports):	1xDC12V; 1xVGA; 1xHDMI; 1xUSB3.0; 2xRS232; 2xRJ45-LAN; 1xSIM; 10xPIN Phoenix
Front Panel (ports):	1*Włącznik 4*USB2.0;2xRS232
Expansion:	Power Adapter | Power cable | Vesa bracket
Power:	12V
Watch Dog Timer:	yes
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	148mm x 125mm x 58mm
Fanless:	Yes
Weight:	1kg

1 951,09 zł
net price: 1 586,25 zł

iBOX N112 v.4

SPECIFICATION

RESISTANCE AND DURABILITY

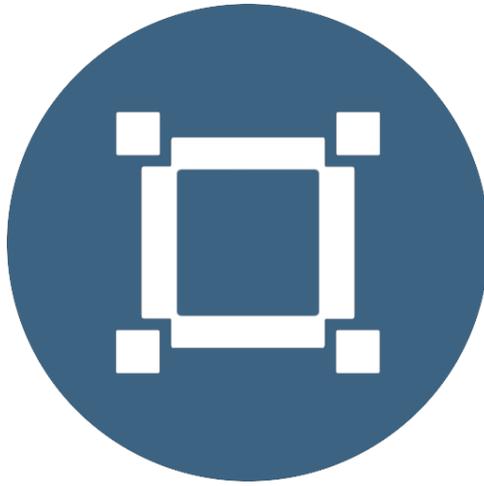## CONNECTIVITY AND COMMUNICATION

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 N112 is a device designed for all industrial and non-continuous applications requiring continuous operation - 24 hours, 7 days a week.

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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 1.0 kg, so it can be conveniently carried in a bag or backpack.

Efficent components

The Intel Core Celeron J1900 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

iBOX N112 V.4

Processor	Intel Celeron J1900 (4 x 2.0 Ghz)
Operation system	Support: Windows 7/8/10 Linux and PfSense
RAM	4GB DDR3L (8GB) *
Drive	256GB SSD
Graphic card	Intel HD Graphics (688MHz)
Connectivity	2x Intel i211-AT 1000M LAN WiFi + Bluetooth
Front panel	4x USB 2.0 | 2xCOM RS232
Rear panel	2x LAN RJ45 | 1x VGA | 1x HDMI | 1x USB 3.0 | Audio 10 Pin Phoenix | 1x SIM | 2x COM RS 232 | DC-in
Available colors	Silver+Blue
Dimensions	148 x 125 x 58mm
Weight	1.0 kg

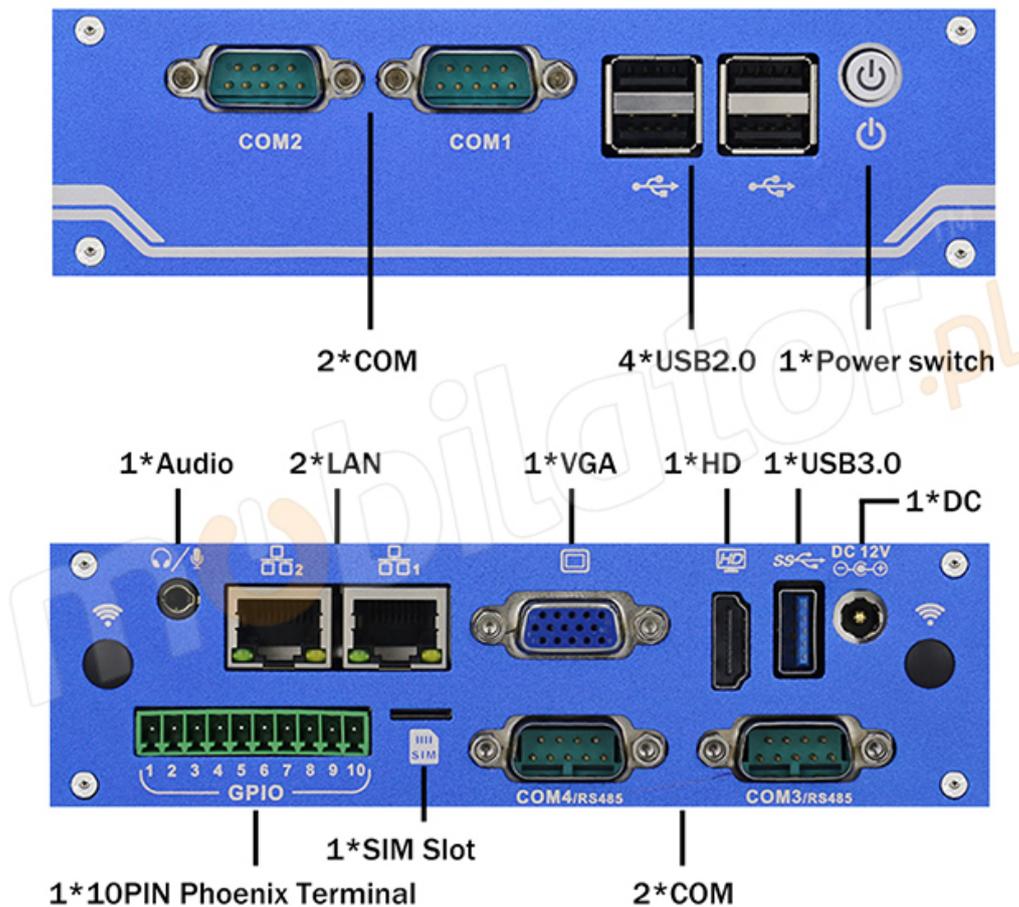* Optional equipment, available only in other versions of the device.

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

Efficient processor

The industrial mini-computer IBOX N112 uses an efficient and energy-saving Intel Celeron J1900 . 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. It offers improved manageability by limiting downtime and maintaining productivity by isolating computing activities into separate partitions.

2*COM   4*USB2.0   1*Power switch

1*Audio   2*LAN   1*VGA   1*HD   1*USB3.0
                                                            1*DC

1*10PIN Phoenix Terminal   2*COM
        1*SIM Slot

Dimensions

Thanks to the small dimensions of the MiniPC, the IBOX N112 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.
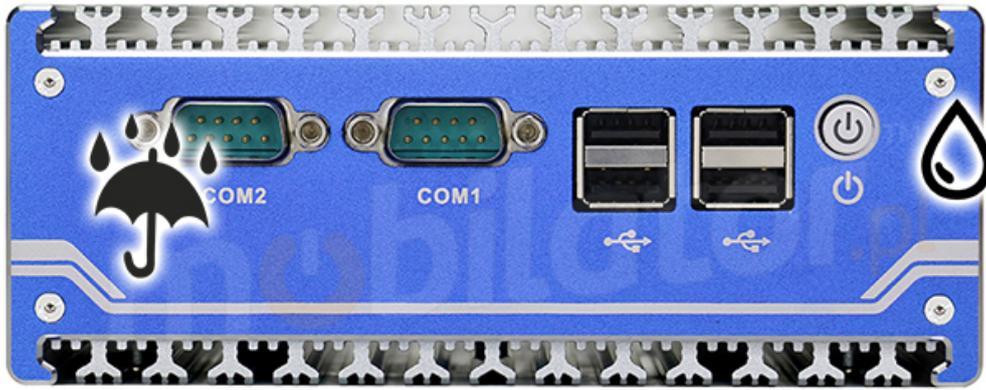
Dimensions	148 x 125 x 58mm
Weight	1 kg

Passive coolong

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.

RESISTANCE AND DURABILITY

Temperatures

IBOX   N112

is designed for continuous operation in both very low and high temperatures ranging from -20 °C to 60°C .

Work temp.	-20°C do 60°C (with SSD) 0°C do 50°C (withHDD)
Storage temp.	-10°C do 70°C (with SSD) 10°C do 60°C (with HDD)
Humidity	0% do 95%

Mechanical damage

The passive cooling system used in the MiniPC IBOX N112 combined with the SSD disk 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.

Wired LAN Network

The MiniPC IBOX N112 has built-in Realtek network adapters that can work in a fast Gigabit Ethernet network.
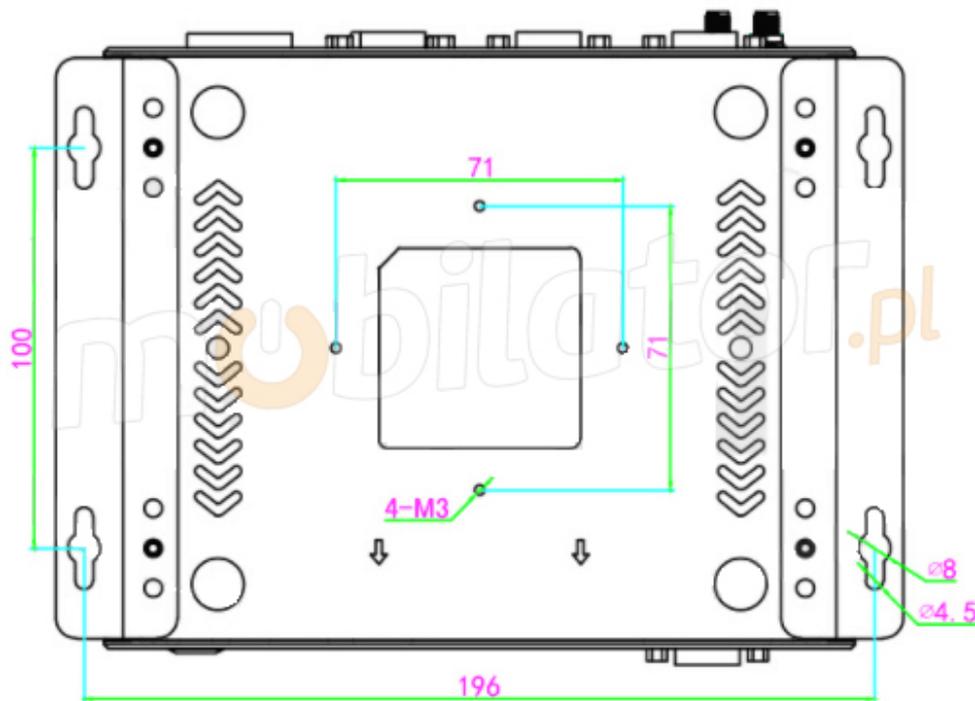

DEVICE APPLICATION

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 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.

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.

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 N112 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
4GB RAM DDR3L	+	+	+	+	—	—
8GB RAM DDR3L	—	—	—	—	+	+
mSATA 64GB SSD	—	+	—	—	—	—
mSATA 128GB SSD	—	—	+	—	+	—
mSATA 256GB SSD	—	—	—	+	—	+
mSATA 512GB SSD	—	—	—	—	—	—
500GB HDD	—	—	—	—	—	—
1TB HDD	—	—	—	—	—	—
2TB HDD	—	—	—	—	—	—
WiFi+Bluetooth	—	—	+	+	—	+
TPM 2.0	—	—	—	—	—	—

	v.7	v.8	v.9	v.10	v.11
4GB RAM DDR3L	—	—	+	—	—
8GB RAM DDR3L	+	+	—	+	+
mSATA 64GB SSD	—	—	—	—	—
mSATA 128GB SSD	—	—	—	—	—
mSATA 256GB SSD	—	—	—	—	—
mSATA 512GB SSD	+	+	—	—	—
500GB HDD	—	—	+	—	—
1TB HDD	—	+	—	+	—
2TB HDD	—	—	—	—	+

WiFi+Bluetooth	—	—	—	+	—
TPM 2.0	+	+	—	—	+