



IBOX N187 v.1 - BAREBONE industrial with
6x RJ-45 LAN, 1x HDMI, 4x USB 3.0 and 1x
RJ-45 COM ports, Windows, Linux and Kool
Share system support

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Windows: 7/10 Linux Kool Share iKuai
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel Core
Installed CPU:	Intel Core i7-8550U (2x1.80GHz)
Graphic Card:	Intel UHD Graphics 620 300MHz
Memory Support:	2x DDR4 2133/2400 MHz SODIMM (max.32GB)
Installed Memory:	None (Available in a different version)
Storage (HDD) Support:	SSD HDD
Installed Storage (HDD):	None (Available in a different version)
IP Norm:	-----
Temp:	0°C to 50°C (Commercial HDD) / -20°C to 50°C (Industrial SSD)
Storage temperature:	10°C to 60°C (Commercial HDD) / 0°C to 60°C (Industrial SSD)

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

2 650,16 zł

net price: 2 154,60 zł

IBOX N187



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 N187 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 i7-8550U dual-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 N187	
Processor	Intel Core i7-8550U (2x1.80GHz)
Operating system	Support: Windows 7/10, Linux, Kool Share, iKuai
RAM	None (4GB 8GB 16GB 32GB DDR4) *

Mini-PC IBOX N187	
Drives	None (64GB 128GB 256GB 512GB SSD) * (1TB 2TB HDD) *
Graphics card	Intel UHD Graphics 620 300MHz
Connectivity	None (WiFi Bluetooth) *
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.



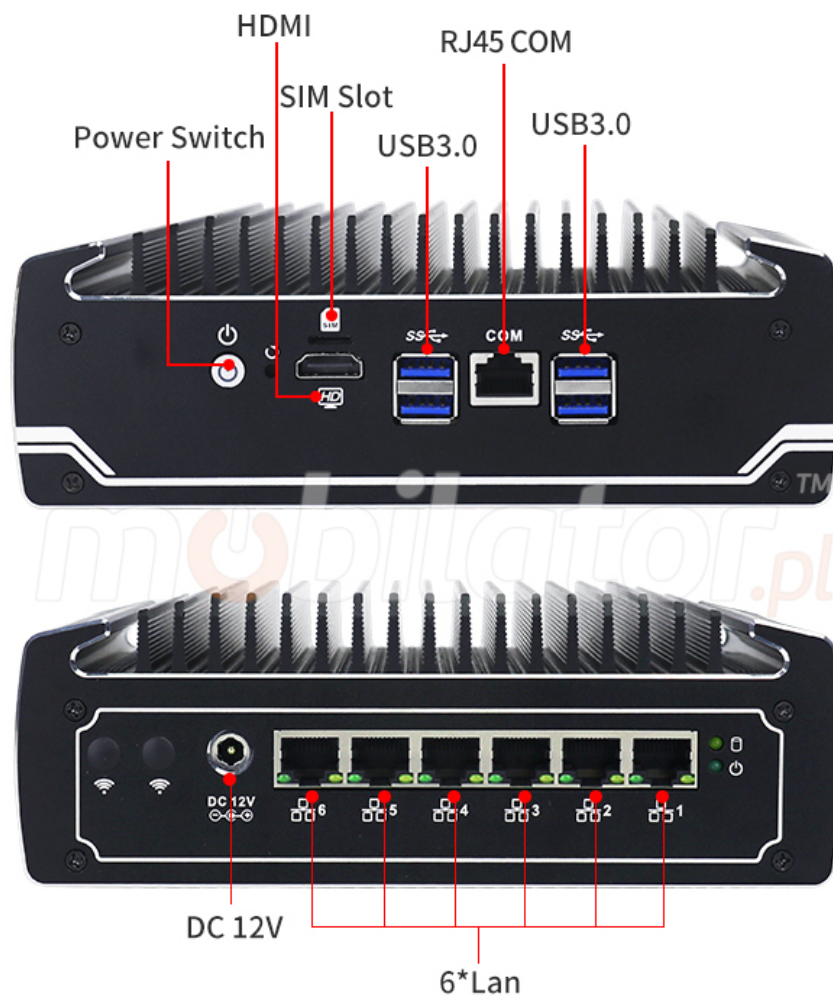
Detailed device specification is available in the "Technical data".

Efficient processor



The industrial mini-computer IBOX N187 uses an efficient and energy-saving Intel Core i7-8550U 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.

Dimensions	186 x 126.5 x 66mm
Weight	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

N187

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

Work temp.	0°C to 50°C (Commercial HDD) -20°C to 50°C (Industrial SSD)
Storage temp.	10°C to 60°C (Commercial HDD) 0°C to 60°C (Industrial SSD)
Humidity	0% to 95%

Mechanical damage

The passive cooling system used in the MiniPC IBOX N187 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

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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 N187 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 N187 has a built-in Intel network adapter that can work in a fast Gigabit Ethernet network.



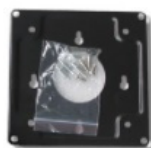
* Optional equipment, available only in other versions of the device.

DEVICE APPLICATION

Trade and service

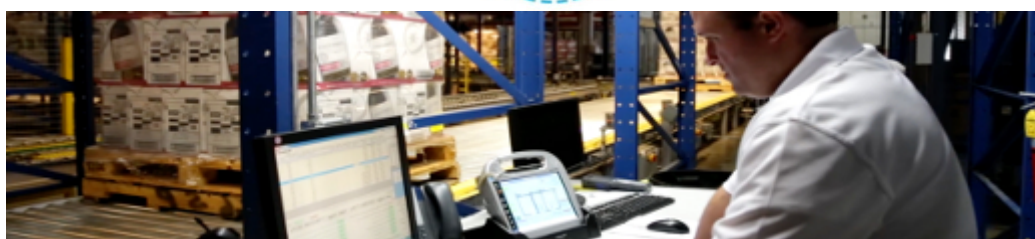
Mini PC is an ideal tool to support us in the implementation of many activities in the field of trade, small dimensions increase the possibility of its adaptation to activities such as issuing invoices or preparing documentation, which in turn allows us to convenient and optimal sales management. The 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 N187 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	—	—	—	—	—			