



IBOX N1574 v.5 - Rugged miniPC with Windows 10 and Linux support, 16GB RAM and M.2 512GB SSD disk, WiFi + BT modules

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>Category:</b>                | MiniPC Industry                       |
| <b>Manufacturer:</b>            | Mobilator                             |
| <b>Others:</b>                  | Color Black                           |
| <b>Chipset:</b>                 | Intel Chipset                         |
| <b>CPU Support:</b>             | Intel Core i7                         |
| <b>Installed CPU:</b>           | Intel Core i7-8550U (2x1.80GHz)       |
| <b>Memory Support:</b>          | DDR4 (max.16GB)                       |
| <b>Installed Memory:</b>        | <b>16GB</b>                           |
| <b>Graphic Card:</b>            | Intel HD Graphics                     |
| <b>Storage (HDD) Support:</b>   | SSD M.2   2,5" HDD                    |
| <b>Installed Storage (HDD):</b> | <b>512GB SSD M.2</b>                  |
| <b>CD/DVD Drive:</b>            | -----                                 |
| <b>LAN:</b>                     | 2*Intel i211-AT 10/100/1000M LAN      |
| <b>Wireless LAN card:</b>       | (Intel 6205 Dual-Band 802.11 a/b/g/n) |
| <b>Bluetooth:</b>               | Yes                                   |

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| <b>3G:</b>                  | -----                                                    |
| <b>TV Tuner:</b>            | -----                                                    |
| <b>Watch Dog Timer:</b>     | Yes                                                      |
| <b>Front Panel (ports):</b> | 4xUSB 3.0   2xRS485   1xSIM                              |
| <b>Rear Panel (ports):</b>  | 2xRJ-45 LAN   1xDP   1xHDMI   2xUSB 2.0   1xAudio   1xDC |
| <b>Power:</b>               | 12V                                                      |
| <b>Supported OS:</b>        | Windows: 7/8//10   Linux                                 |
| <b>Installed OS:</b>        | -----                                                    |
| <b>Dimensions:</b>          | 186mm x 126.5mm x 66mm                                   |
| <b>Weight:</b>              | 1300g                                                    |
| <b>Expansion:</b>           | -----                                                    |
| <b>Fanless:</b>             | Yes                                                      |
| <b>Humidity:</b>            | 5% ~ 95%                                                 |
| <b>Temp:</b>                | 0°C to 40°C(HDD) or -20°C to 50°C (SSD)                  |
| <b>IP Norm:</b>             | -----                                                    |
| <b>Storage temperature:</b> | 0°C do 40°C(HDD) lub -20°C do 50°C (SSD)                 |

**3 672,66 zł**  
net price: 2 985,90 zł



## TECHNICAL 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

N1574

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



fit wherever you need and is easy to carry.

#### Lightweight design

The computer's weight does not exceed 1.5 kg, so it can be conveniently carried in a bag or backpack.



#### Efficient components

The Intel Core i7-8550u 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 N1574 |                                  |
|--------------------|----------------------------------|
| Processor          | Intel Core i7-8550U (2x1.80GHz)  |
| Operation system   | Support: Windows 7/8/10<br>Linux |
| RAM                | DDR4: 16GB                       |
| Drive              | SSD M.2 : 512GB                  |

| Mini-PC IBOX N1574 |                                                                                      |
|--------------------|--------------------------------------------------------------------------------------|
| Graphic card       | Intel HD Graphics 620 300MHz                                                         |
| Connectivity       | WLAN: Intel 6205 Dual-Band   802.11 a/b/g/n<br>LAN: 2*Intel i211-AT 10/100/1000M LAN |
| Front panel        | 4xUSB 3.0   2xRS485   1xSIM                                                          |
| Rear panel         | 2xRJ-45 LAN   1xDP   1xHDMI   2xUSB 2.0   1xAudio   1xDC                             |
| Available colors   | Black                                                                                |
| Dimensions         | 186 x 126.5 x 66 mm                                                                  |
| Weight             | 1.3 kg                                                                               |



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

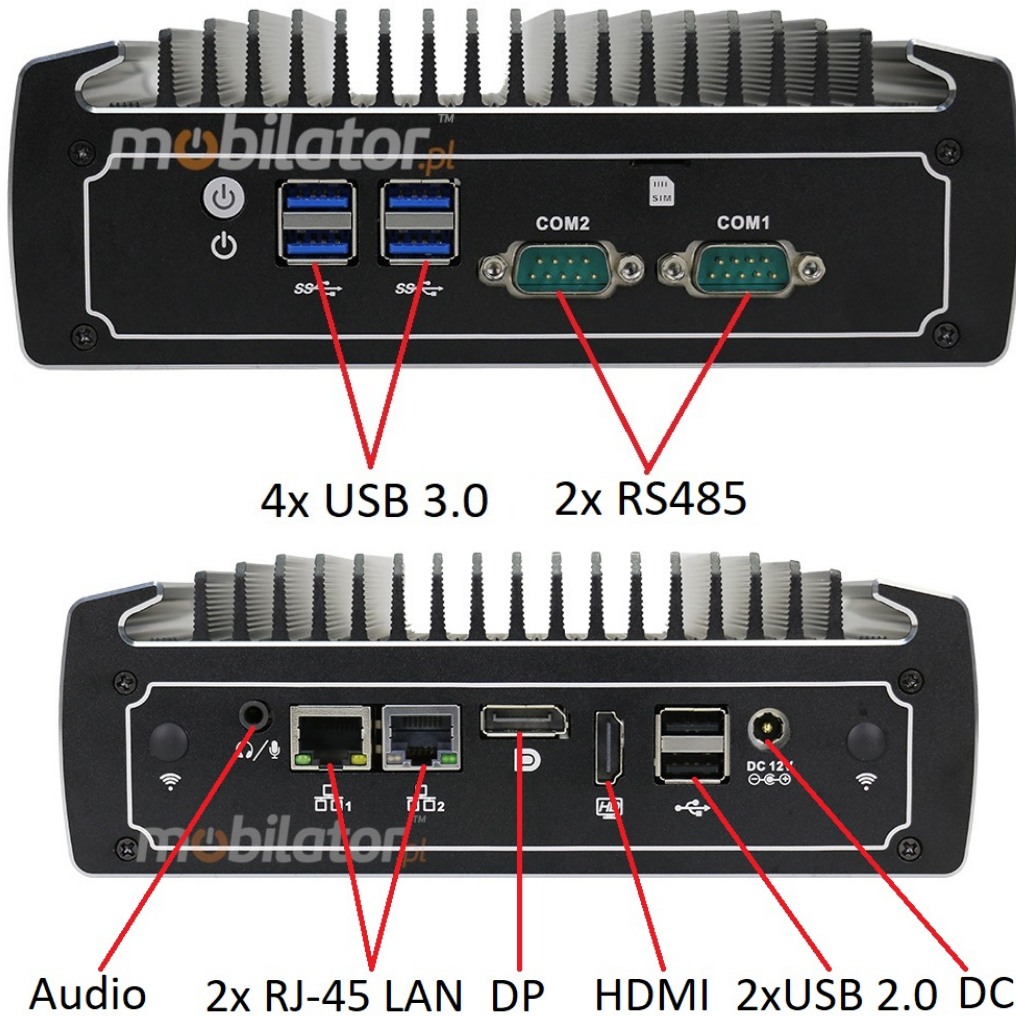
### Efficient processor



The industrial mini-computer IBOX N1574 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



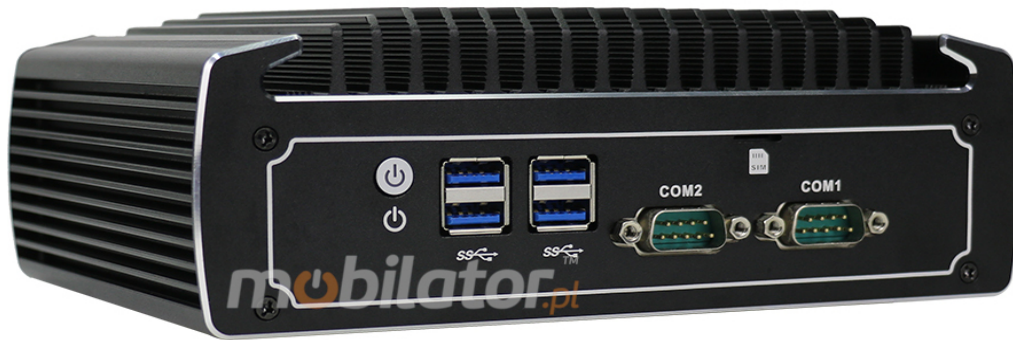
Thanks to the small dimensions of the MiniPC, the is versatile for use at home, in the office and in the industry, for example in the production hall. It's literally everywhere, and thanks to the VESA mount it can be mounted on the back of the monitor to optimize the job.

|                   |                     |
|-------------------|---------------------|
| <b>Dimensions</b> | 186 x 126.5 x 66 mm |
| <b>Weight</b>     | 1300g               |

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.

## RESISTANCE AND DURABILITY



## Temperatures

IBOX

N1574

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 -20 ° C to 50 ° C.

|                      |                                          |
|----------------------|------------------------------------------|
| <b>Work temp.</b>    | 0°C to 40°C(HDD) or -20°C to 50°C (SSD)  |
| <b>Storage temp.</b> | 0°C do 40°C(HDD) lub -20°C do 50°C (SSD) |
| <b>Humidity</b>      | 5% to 95%                                |

## Mechanical damage

The passive cooling system used in the MiniPC IBOX N1574 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.

## CONNECTIVITY AND COMMUNICATION

### Wireless network

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 N1574

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 N1574 has built-in Realtek network adapter that can work in a fast Gigabit Ethernet network.

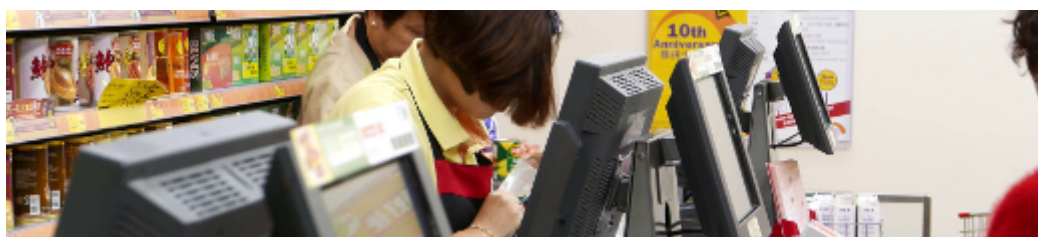


## DEVICE APPLICATION

### Trade and service

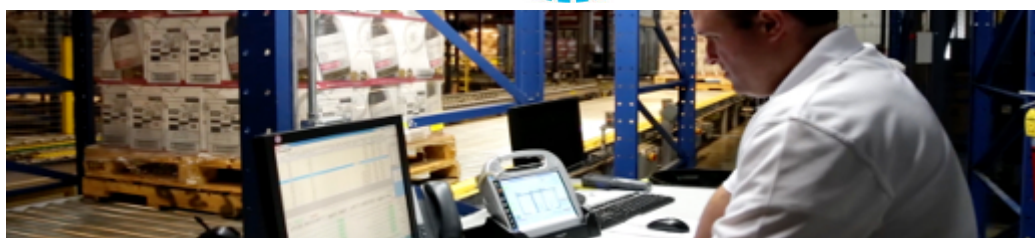
Mini PC is an ideal tool to support us in the implementation of many activities in the field of trade, small dimensions increase the possibility of its adaptation to activities such as issuing invoices or preparing documentation, which in turn allows us to convenient and optimal sales management. The 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. 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 N1574 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 |
|---------------|-----|-----|-----|-----|-----|-----|-----|
| WIFI          | —   | —   | —   | —   |     | —   |     |
| Bluetooth     | —   | —   | —   | —   |     | —   |     |
| 8GB RAM       | —   |     |     | —   | —   | —   | —   |
| 16GB RAM      | —   | —   | —   |     |     |     |     |
| 256GB SSD M.2 | —   |     | —   |     | —   | —   | —   |
| 512GB SSD M.2 | —   | —   |     | —   |     |     |     |
| 1TB HDD       | —   | —   | —   | —   | —   |     | —   |
| 2TB HDD       | —   | —   | —   | —   | —   | —   |     |