

## IBOX C4



IBOX C4 v.5 - Rugged miniPC with Intel Core i3 processor, 16GB RAM, WiFi and 512GB SSD M.2 disk, USB, RJ-45, BT, Audio and mini DP connectors

|                                 |  |
|---------------------------------|--|
| <b>Category:</b>                | MiniPC Industry                            |
| <b>Manufacturer:</b>            | Mobikator                                  |
| <b>Supported OS:</b>            | Microsoft Windows: 7/8/10, Linux           |
| <b>Installed OS:</b>            | -----                                      |
| <b>Chipset:</b>                 | Intel                                      |
| <b>CPU Support:</b>             | Intel Core i3-7100U                        |
| <b>Installed CPU:</b>           | Intel Core i3-7100U (2x 2.40GHz) 3MB Cache |
| <b>Graphic Card:</b>            | Intel HD Graphics 620                      |
| <b>Memory Support:</b>          | DDR4 (max. 32GB)                           |
| <b>Installed Memory:</b>        | <b>16GB</b>                                |
| <b>Storage (HDD) Support:</b>   | SSD M.2                                    |
| <b>Installed Storage (HDD):</b> | <b>512GB</b>                               |
| <b>IP Norm:</b>                 | -----                                      |
| <b>Temp:</b>                    | -20°C — 50°C (SSD)                         |
| <b>Storage temperature:</b>     | -10°C — 60°C (SSD)                         |

|                             |   |
|-----------------------------|---|
| <b>Humidity:</b>            | 5% ~ 95%  |
| <b>Others:</b>              | Color Black   |
| <b>LAN:</b>                 | 1x RJ-45 1000M LAN  |
| <b>Wireless LAN card:</b>   | <b>Intel Wireless AC7260</b>                                |
| <b>3G:</b>                  | -----   |
| <b>4G LTE:</b>              | -----   |
| <b>Bluetooth:</b>           | <b>4.0</b>  |
| <b>Rear Panel (ports):</b>  | 1x mini DP   1x HDMI   1x DC12V   1x RJ-45 LAN   2x USB 3.0 |
| <b>Front Panel (ports):</b> | 1x Power switch   1x port typ C   1x USB 3.0   1x Audio     |
| <b>Expansion:</b>           | -----   |
| <b>Power:</b>               | 12V   |
| <b>Watch Dog Timer:</b>     | Yes   |
| <b>CD/DVD Drive:</b>        | -----   |
| <b>TV Tuner:</b>            | -----   |
| <b>Dimensions:</b>          | 115 x 106 x 57 mm   |
| <b>Fanless:</b>             | Yes   |
| <b>Weight:</b>              | 900g  |

**Product from the Archive - production finished**

# IBOX C4



## 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 C4 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.



### Efficient components

The Intel Core i3-7100U dual-core CPU provides improved device performance.



### Quick start

A modern SSD drive will increase the speed of application programs and ensure quiet computer operation.



### Lightweight design

The computer's weight does not exceed 1.0 kg, so it can be conveniently carried in a bag or backpack.



### Wireless network

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



### 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.

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# SPECIFICATION

## Performance

|                  |                                  |
|------------------|----------------------------------|
| Processor        | Intel Core i3-7100U (2x 2.40GHz) |
| Graphics card    | Intel HD Graphics 620 320MHz     |
| Operating system | Windows 7/8/10   Linux           |
| RAM              | 16GB DDR4                        |
| Drive            | 512GB                            |

## Interfaces

|              |   |
|--------------|---|
| Connectivity | Wi-Fi, Bluetooth<br>Intel i211-AT 1000M LAN                         |
| Front panel  | type C port   1x USB 3.0   1x Audio (2 in 1)   Power On/Off         |
| Rear panel   | Power connector   1x RJ-45 LAN<br>1x HDMI   1x mini DP   2x USB 3.0 |

## Other

|                  |                  |
|------------------|------------------|
| Available colors | Black            |
| Dimensions       | 115 x 106 x 57mm |
| Weight           | 0.9kg            |

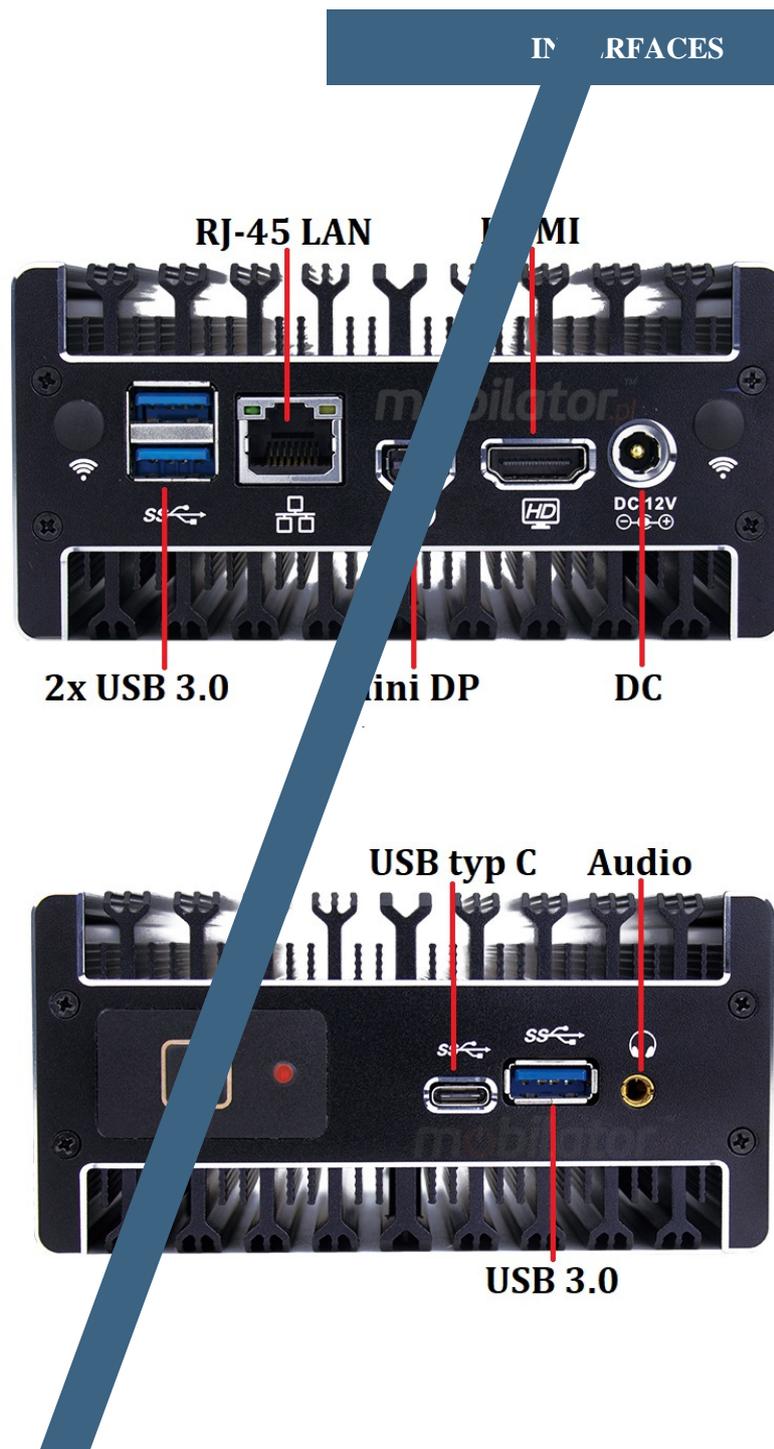
\* Optional equipment, available only in other versions of the device.



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

**EFFICIENT PROCESSOR**

The industrial mini-computer IBOX C4 uses an efficient and energy-saving Intel Core i3-7100U processor. Inside it there are two 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.



## DIMENSIONS



## 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

## TEMPERATURES

IBOX C4 is designed for continuous operation in both very low and high temperatures ranging from -20 °C to 50 °C (SSD). If the device is switched off, it can already handle temperatures in the range of -10 °C to 60 °C (SSD).



|                      |                    |
|----------------------|--------------------|
| <b>Work temp.</b>    | -20°C — 50°C (SSD) |
| <b>Storage temp.</b> | -10°C — 60°C (SSD) |
| <b>Humidity</b>      | 5% — 95%           |

## MECHANICAL DAMAGE

The passive cooling system used in the MiniPC IBOX C4 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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# CONNECTION

## 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 C4 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 C4 has built-in one network adapter - Intel i211-AT 1000M LAN that can work in a fast Gigabit Ethernet network.

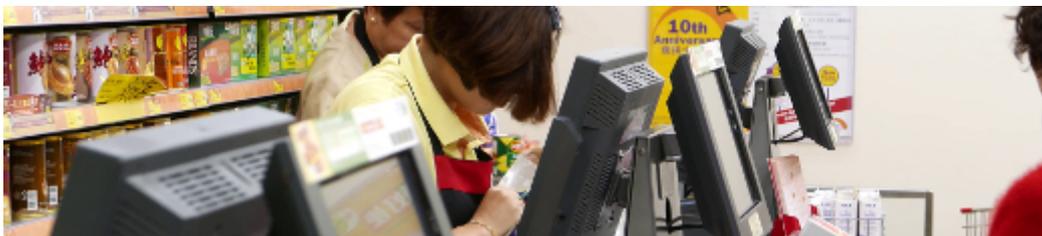
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# APPLICATIONS

## TRADE AND SERVICES

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 pictures of the device available in the "[Gallery](#)" tab.

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# VERSIONS

# Packing list



The industrial mini-computer IBOX C4 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.

|               | <b>v.2</b> | <b>v.3</b> | <b>v.4</b> | <b>v.5</b> | <b>v.6</b> | <b>Barebone</b> |
|---------------|------------|------------|------------|------------|------------|-----------------|
| 8GB RAM DDR4  |            |            | —          | —          | —          | —               |
| 16GB RAM DDR4 | —          | —          |            |            | —          | —               |
| 32GB RAM DDR4 | —          | —          | —          | —          |            | —               |
| 256GB SSD M.2 |            | —          |            | —          | —          | —               |
| 512GB SSD M.2 | —          |            | —          |            |            | —               |