



Strengthened Mini Industrial Computer
Fanless MiniPC MiniPC IBOX-7002B WiFi v.2

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Color Black / Silver
Chipset:	Intel express chipset
CPU Support:	Intel Celeron J1900 (4x 2.0GHz)
Installed CPU:	Intel Celeron J1900 (4x 2.0GHz)
Memory Support:	DDR3 (max. 4GB)
Installed Memory:	2GB DDR3
Graphic Card:	Intel HD Graphics
Storage (HDD) Support:	SSD/HDD
Installed Storage (HDD):	64GB SSD
CD/DVD Drive:	-----
LAN:	Intel 82583V 10/100/1000M
Wireless LAN card:	Yes
Bluetooth:	-----
3G:	-----
TV Tuner:	-----
Watch Dog Timer:	-----

Front Panel (ports):	4x USB 2.0 / RST / 10x LED / LVDS / Power
Rear Panel (ports):	USB 3.0 / USB 2.0 / 2x LAN / VGA / HDMI / 6x COM Audio / Power connector
Power:	9-36V
Supported OS:	Microsoft Windows: 7/8/8.1/10, Linux
Installed OS:	-----
Dimensions:	234mm x 175mm x 64.5mm
Weight:	2500g
Expansion:	-----
Fanless:	Yes
Humidity:	0 ~ 95%
Temp:	-10°C – 60°C
IP Norm:	-----
Storage temperature:	-10°C – 60°C

497,87 €

net price: 404,77 €

MiniPC IBOX-7002B



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-7002B 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 2.5kg, so it can be conveniently carried in a bag or backpack.



Efficient components

The Intel Celeron quad-core CPU supported by 2GB of RAM provides



Wireless network

improved device performance.

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.

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SPECIFICATION

EFFICIENT PROCESSOR

The industrial mini-computer IBOX-702B uses an efficient and energy-saving Intel Celeron J1900 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. Improved graphics card technology allows you to enjoy movies in full resolution and Full HD quality.



Performance

Processor	Intel Celeron J1900 (4x 2.0GHz)
Graphics card	Intel HD Graphics
Operating system	Windows 7/8/10 Linux
RAM	2GB/4GB * DDR3
Drive	None * /32GB * /64GB/128GB * SSD 500GB * HDD

Interfaces

Connectivity	Wi-Fi
Front panel	4x USB 2.0 / RST / 10x LED / LVDS / Power On/Off

Interfaces	
Rear panel	USB 3.0 / USB 2.0 / 2x LAN / VGA / HDMI / 6x COM Audio / Power connector
SIM card	None
Memory card	None
Other	
Available colors	Black / Silver
Dimensions	234mm x 175mm x 64.5mm
Weight	2.5kg

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



Detailed device specification is available in the ["Technical data" tab](#).

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-702B is designed for continuous operation in both very low and high temperatures ranging from -20 ° C to 60 ° C. If the device is switched off, it can already handle temperatures in the range of -20 ° C to 60 ° C.



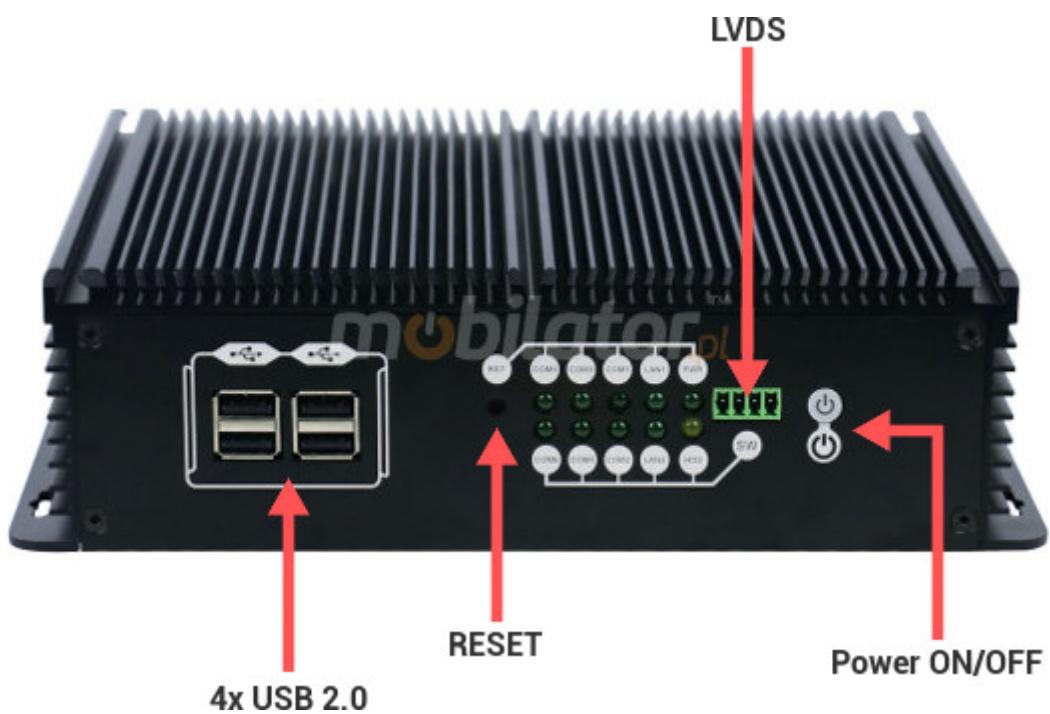
Work temp.	-10°C — 60°C
Storage temp.	-10°C — 60°C
Humidity	0% — 95%

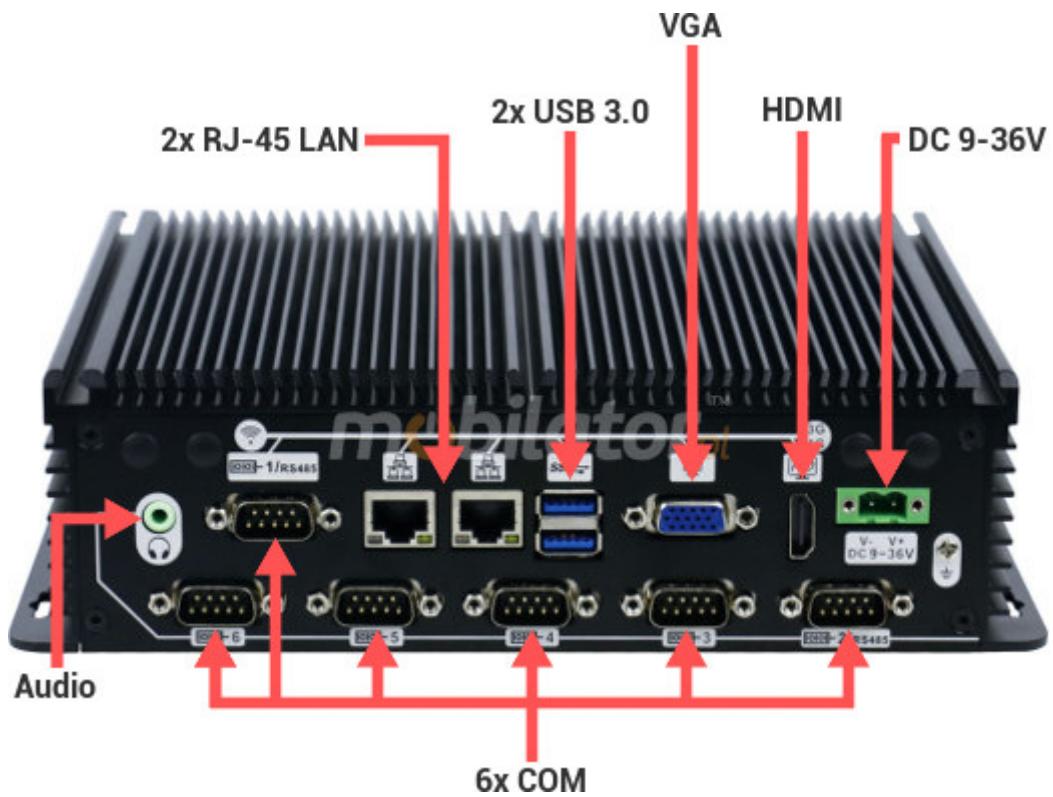
MECHANICAL IMAGE

The passive cooling system used in the MiniPC IBOX-702B 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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INTERFACES





WIRELESS N WORK

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-7002B has been equipped with the latest standard of this technology - 802.11n, which allows transfer of files at a dizzying speed of up to 150 Mb / s.

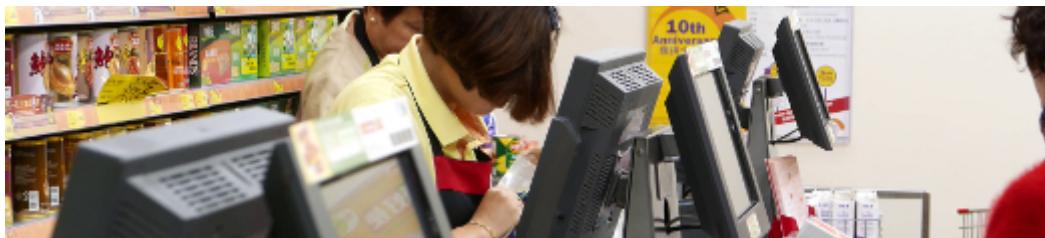


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APPLICATIONS

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.



WAREHOUSE AND LOGISTICS

Thanks to COM ports and 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

The industrial mini-computer IBOX-7002B 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.0	v.1	v.2
32GB SSD	—	—	—
64GB SSD	—	—	—