

iBOX C45



iBOX C45 v. 6 – rugged MiniPC with Intel Core Processor, USB 3. 0, RJ-45, Mini-DP, WiFi, HDMI, 32GB RAM and 512GB SSD M. 2

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Color Black
Chipset:	Intel Chipset
CPU Support:	Intel Core i5
Installed CPU:	Intel Celeron i5 7300U
Memory Support:	DDR4 (max 32GB)
Installed Memory:	None (Available in a different version)
Graphic Card:	Intel HD Graphics 620
Storage (HDD) Support:	SSD (SATA, M.2), HDD
Installed Storage (HDD):	None (Available in a different version)
CD/DVD Drive:	-----
LAN:	1*Intel i211-AT 1000M LAN
Wireless LAN card:	Option
Bluetooth:	Yes

3G:	-----
4G LTE:	-----
TV Tuner:	-----
Watch Dog Timer:	Yes
Front Panel (ports):	Power ON1xUSB3.0 Audio
Rear Panel (ports):	1*RJ45 1000M LAN 2*USB3.0 1*HDMI 1*Mini DP 1* DC 12V
Power:	12V
Supported OS:	Windows: 7/8//10 Linux
Installed OS:	-----
Dimensions:	115mm x 107.5mm x 39mm
Weight:	900g
Expansion:	-----
Fanless:	Yes
Humidity:	5% ~ 95%
Temp:	-20°C — 50°C (SSD)
IP Norm:	-----
Storage temperature:	-10°C — 60°C (SSD)

Product from the Archive - production finished

iBOX C45



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 C45 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.



Efficient components

The Intel Core i5 7300U 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 C4

Processor

Intel Core i5 7300U (Dual core four threads, 2.6 GHz, Max 3.5 GHz)

Mini-PC IBOX C4	
Operation system	Support: Windows 7/8/10 Linux
RAM	32 GB DDR4
Drive	SSD 512GB M.2
Graphic card	Intel HD Graphics 620 (320MHz)
Connectivity	Intel i211-AT 1000M LAN WiFi Bluetooth
Front panel	1xUSB 3.0 1x USB Type C Audio
Rear panel	RJ-45 1000M LAN 1x DC 12V 1x Mini DP 2x USB3.0 HDMI
Available colors	Black
Dimensions	115 x 106 x 57mm
Weight	0.9 kg



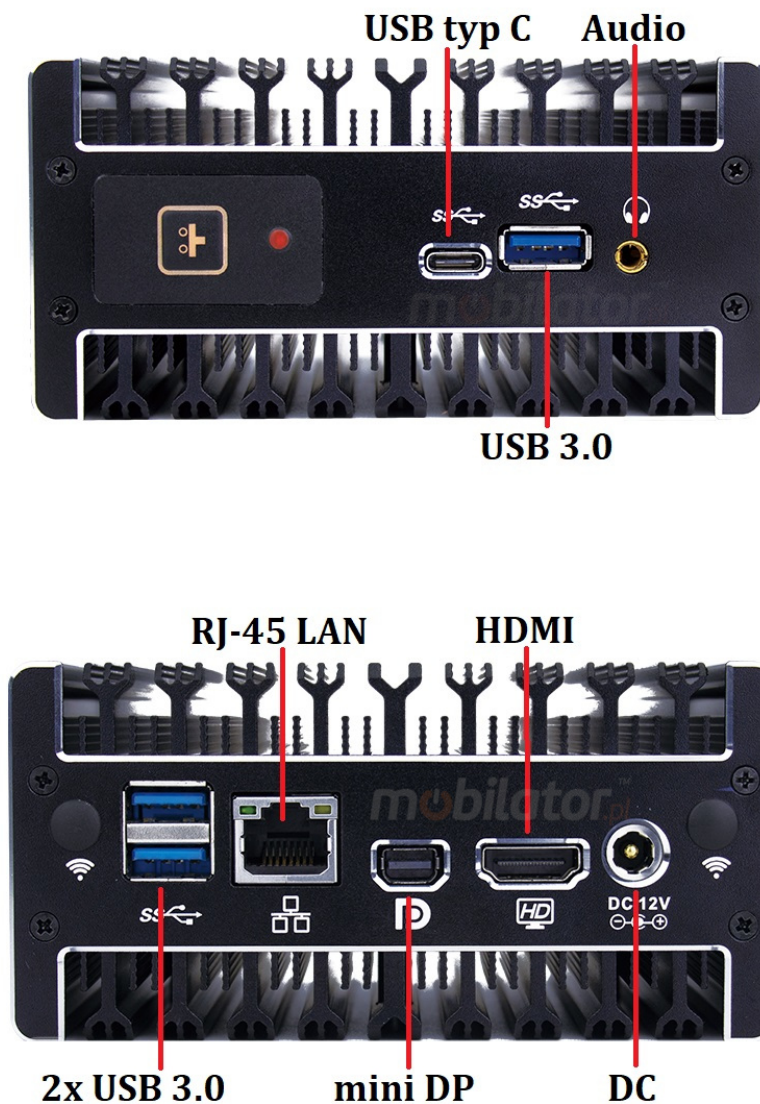
Detailed device specification is available in the "Technical data".

Efficient processor

The industrial mini-computer IBOX C45 uses an efficient and energy-saving Intel Core i5 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. It offers improved manageability by limiting downtime and maintaining productivity by isolating computing activities into separate

partitions.

Interfaces



Dimensions

Thanks to the small dimensions of the MiniPC, the IBOX C45 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	115 x 106 x 57mm
Weight	0.9 kg

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 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).

Work temp.	-20°C do 50°C (SSD)
Storage temp.	-10°C do 60°C (SSD)
Humidity	5% do 95%

Mechanical damage

The passive cooling system used in the MiniPC IBOX C45

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.

CONNECTIVITY AND COMMUNICATION

Wired LAN Network

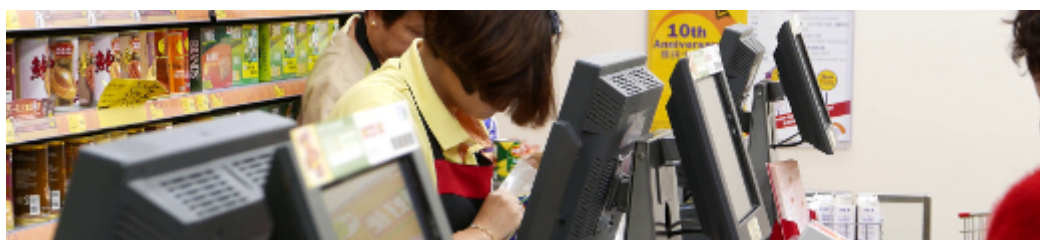
The MiniPC IBOX C45 has built-in Realtek network adapter that can work in a fast Gigabit Ethernet network.



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.

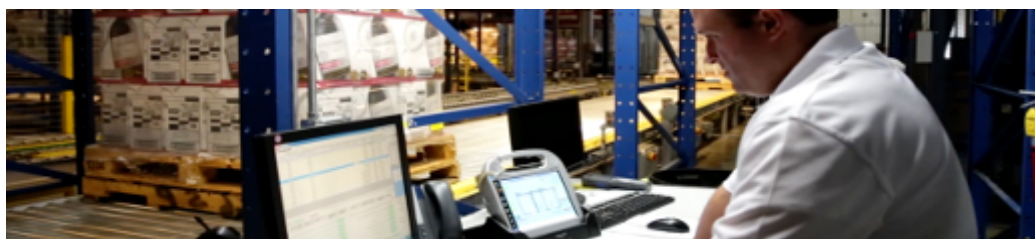


VESA



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 C45 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
8GB	—			—	—	—
16GB	—	—	—			—
32GB	—	—	—	—	—	
256GB	—		—		—	—
512GB	—	—		—		

WiFi



Bluetooth

