WiFi ®

USB BAREBONE intel CORE i3 10TH GEN

HyBOX H6 - i3 Barebone - Powerful fanless miniPC with WiFi, modern Intel Core i3 processor, with 2x LAN, 2x HDMI, 1x DP, 6x USB inputs ideal for a warehouse (3 YEAR WARRANTY)

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Color Black
Chipset:	Intel Chipset
CPU Support:	Intel Core
Installed CPU:	Intel Core i3-10110U (2x 2.10GHz)
Memory Support:	DDR4 (max. 64GB)
Installed Memory:	-----
Graphic Card:	Intel UHD Graphics 620
Storage (HDD) Support:	SSD or HDD
Installed Storage (HDD):	-----
CD/DVD Drive:	-----
LAN:	2x RJ45, Realtek 8168/8111(1000M)
Wireless LAN card:	2230
Bluetooth:	No
3G:	-----
4G LTE:	-----

TV Tuner:	-----
Watch Dog Timer:	No
Front Panel (ports):	Power | 4x USB 3.0 | 14 Pin GPIO | 2x DB9 COM
Rear Panel (ports):	2x RJ-45 LAN | 1x DP | 2x HDMI | 2x USB 2.0 | MIC | Speaker | DC 12V
Power:	12V
Supported OS:	Windows 10/11, WES 10, Linux
Installed OS:	-----
Dimensions:	230 x 185 x 50 mm
Weight:	1500g
Expansion:	-----
Fanless:	Yes
Humidity:	-----
Temp:	0°C do 50°C
IP Norm:	-----
Storage temperature:	-20°C do 70°C

Product from the Archive - production finished

HyBOX H6 - i3

TECHNICAL SPECIFICATION

RESISTANCE AND DURABILITY

CONNECTIVITY AND COMMUNICTION

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 HyBOX H6 - i3 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 1.50 kg, so it can be conveniently carried in a bag or backpack.

Efficent components

The Intel Core i3-10110U dual-core CPU provides improved device performance.

Wireless network

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

SSD

Quick start
*

A optional 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

HyBOX H6 - i3

Processor	Intel Core i3-10110U (2x 2.10GHz)
Operation system	Support for Windows 10/11, WES 10, Linux
RAM	No *
Drive	No *
Graphic card	Intel UHD Graphics 620
Connectivity	WLAN: 1x M.2 (E Key) 2230 Bay Support Wifi model + Bluetooth model 1x M-PCIE (51.0mm × 30.0mm) for 3/4G module LAN: 2x RJ45, Realtek 8168/8111(1000M)
Front panel	Power | 4x USB 3.0 | 14 Pin GPIO | 2x DB9 COM
Rear panel	2x RJ-45 LAN | 1x DP | 2x HDMI | 2x USB 2.0 | MIC | Speaker | DC 12V
Available colors	Black
Material	Aluminum Alloy
Dimensions	230 x 185 x 50 mm
Weight	1.50 kg
Warranty	3 years warranty

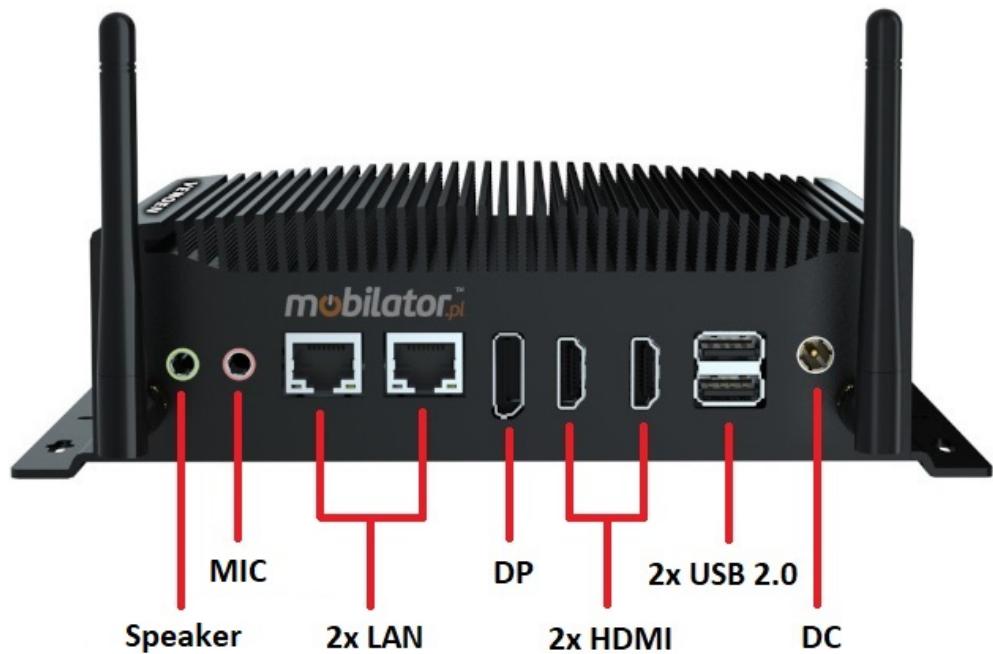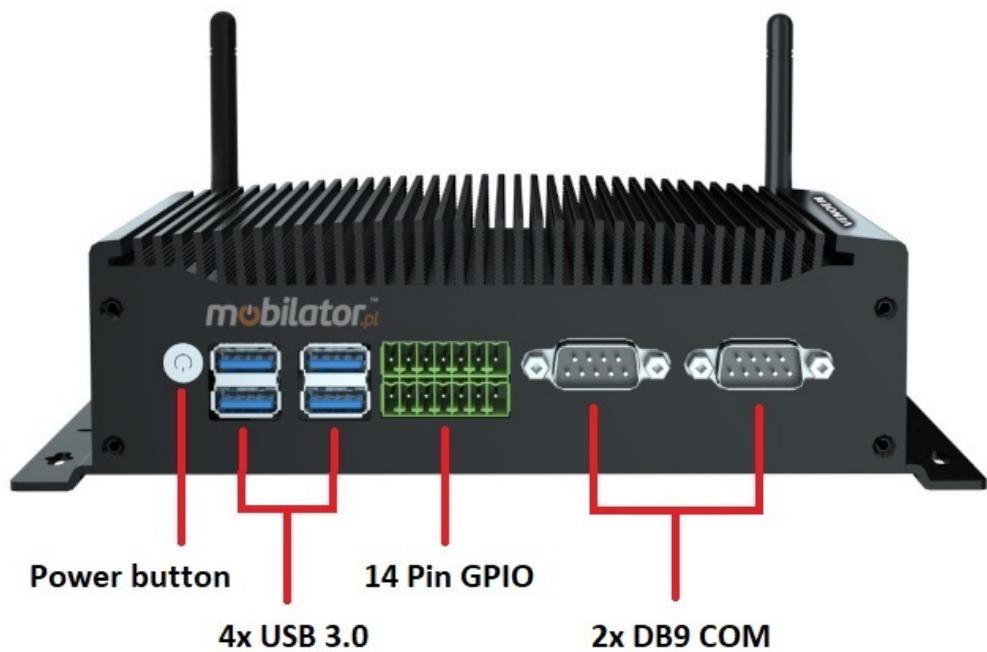* Optional equipment, available only in other versions of the device.

(i) Detailed device specification is available in the "Technical data".

Efficient processor

The industrial mini-computer HyBOX H6 - i3 uses an efficient and energy-saving Intel Core i3-10110U 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.

Interfaces

Power button

4x USB 3.0

14 Pin GPIO

2x DB9 COM

MIC

Speaker

2x LAN

DP

2x HDMI

2x USB 2.0

DC

*Illustrative image, Connectors: 2x RJ-45 LAN | 1x DP | 2x HDMI | 2x USB 2.0 | 4x USB 3.0| 14 Pin GPIO| 2x DB9 COM| MIC | Speaker | DC 12V| Power

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	230 x 185 x 50 mm
Weight	1500g

Passive coolong

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

HyBOX   H6   -   i3

 is designed for continuous operation in both very low and high temperatures ranging from 0°C to 50°C. If the device is switched off, it can already handle temperatures in the range of -20°C to 70°C.

Work temp.	0°C to 50°C
Storage temp.	-20°C to 70°C

Mechanical damage

The passive cooling system used in the MiniPC HyBOX H6 - i3 combined with the non-disk SSD (optional) 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 (M.2 -E Key- 2230 Bay) provides high-speed network access wherever you can connect to secured or open Wi-Fi networks. It is a convenient solution for people who have a router and a wireless network at their place of work or residence, which can be used without any additional charges.

Wired LAN Network

The HyBOX H6 device has a built-in Realtek 8168/8111 network card. The industrial miniPC has been equipped with a technology standard - Realtek Gigabit, which allows you to transfer files at a dizzying speed of up to 1000 Mb/s.

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.

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.

AVAILABLE VERSIONS

The industrial mini-computer HyBOX H6 - i3 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.