



yBOX-X56-(6LAN)-i5 1135G7 Barebone - Rugged Budget Industrial fanless computer

BAREBONE

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Windows: 10 Linux Ubuntu
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel Core i5
Installed CPU:	Intel Core i5 1135G7 4x4.20GHz
Graphic Card:	Intel Iris Xe Graphics
Memory Support:	DDR4 (max.16GB)
Installed Memory:	None (Available in a different version)
Storage (HDD) Support:	SSD
Installed Storage (HDD):	None (Available in a different version)
IP Norm:	-----
Temp:	-20°C do 65°C
Storage temperature:	-40°C do 80°C
Humidity:	0% ~ 90%
Others:	Color Grey

LAN:	6x2.5 GbE Intel i225-V
Wireless LAN card:	Full Height Mini PCIE WIFI
3G:	-----
Bluetooth:	No
Rear Panel (ports):	6x Gigabit LAN Port 1x DC antennas WIFI
Front Panel (ports):	4x USB 3.1 1x RJ45 COM 1x HDMI
Expansion:	-----
Power:	12V
Watch Dog Timer:	Yes
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	155 x 126 x 52 mm
Fanless:	Yes
Weight:	1000g

436,80 €

net price: 355,12 €



USBTM

HDMITM

BAREBONE



TECHNICAL SPECIFICATION

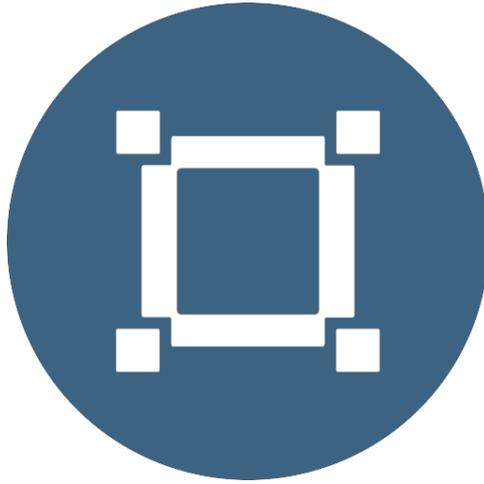
RESISTANCE AND DURABILITY

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 yBOX-X56-(6LAN) 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 1.0 kg, so it can be conveniently carried in a bag or backpack.



Efficient components

The Intel Core i5 1135G7 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 yBOX-X56

Processor	Intel Core i5 1135G7 (4x 4.20GHz)
Operation system	Support: Windows 10 Linux, Ubuntu
RAM	None (DDR4: 8GB 16GB) *
Drive	Brak (SSD: 128GB 256GB 1TB M2: 256GB 512GB) *
Graphic card	Intel Iris Xe Graphics
Connectivity	WLAN: Mini PCI-E Wi-Fi Module * LAN: 6x 2.5 GbE Intel i225-V
Front panel	4x USB 3.1 1x RS232/RS485 1x HDMI
Rear panel	6x Gigabit LAN port
Available colors	Grey
Dimensions	155 x 126 x 52 mm
Weight	1.0 kg

* Wyposażenie opcjonalne, dostępne tylko w konkretnych wersjach urządzenia lub na zamówienie.



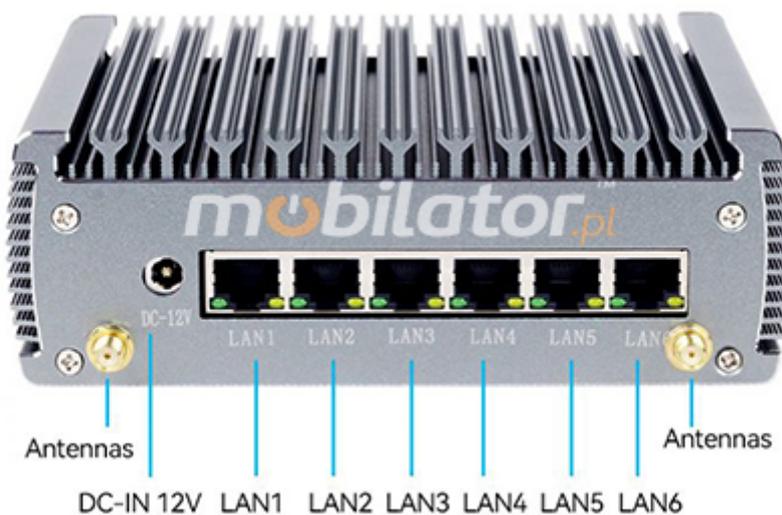
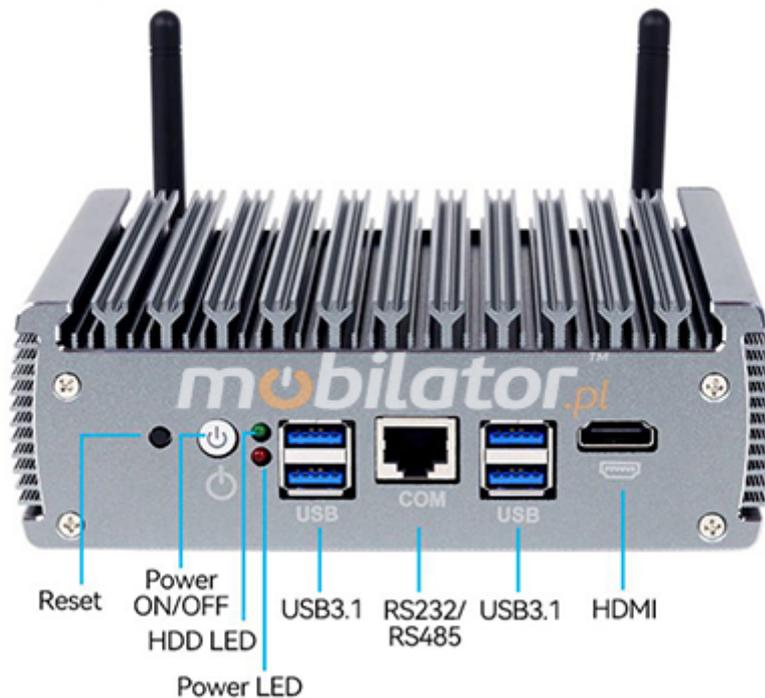
Detailed device specification is available in the "Technical data".

Efficient processor



The industrial mini-computer yBOX-X56 uses an efficient and energy-saving Intel Core i5 1135G7 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.

Dimensions	155 x 126 x 52 mm
Weight	1000g

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

Operating Temperature: -20°C ~ 65°C



Storage Temperature: -40°C ~ 80°C

Temperatures

yBOX-X56

is designed for continuous operation in both very low and high temperatures ranging from -20°C to 65°C. If the device is switched off, it can already handle temperatures in the range of -40°C to 80°C

Work temp.	-20°C to 65°C
Storage temp.	-40°C to 80°C
Humidity	0% to 90%

Mechanical damage

The passive cooling system used in the MiniPC yBOX-X56 combined with the SSD drive

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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.

* Wyposażenie opcjonalne, dostępne tylko w konkretnych wersjach urządzenia lub na zamówienie.

CONNECTIVITY AND COMMUNICATION

Wireless network

The Wi-Fi module

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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 yBOX-X56 has been equipped the standard of - Mini PCI-E Wi-Fi Module , which allows transfer of files at a dizzying speed of up to 150 Mb / s.

* Wyposażenie opcjonalne, dostępne tylko w konkretnych wersjach urządzenia lub na zamówienie.

Wired LAN Network

The MiniPC yBOX-X56 has built-in Intel network adapter that can work in a fast Gigabit Ethernet network.

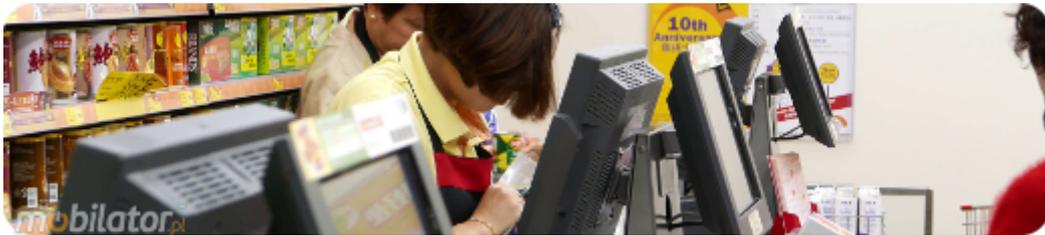


DEVICE APPLICATION

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 yBOX-X56 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	v.3	v.4	v.5
8GB RAM	—	+	+	+	—	—
16GB RAM	—	—	—	—	+	+
128GB SSD	—	+	—	—	—	—
256GB SSD	—	—	+	—	—	—
1000GB SSD	—	—	—	—	—	+
256GB M.2 2242	—	—	—	+	—	—
512GB M.2 2242	—	—	—	—	+	—
WIFI	—	+	+	+	+	+

BLUETOOTH

—

+

+

+

+

+