yBOX-X56-(6LAN)- I3 1125G4 Barebone - universal industrial fanless computer, 6 LAN ports

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Windows 10	Linux	Ubuntu
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel Core i3
Installed CPU:	Intel Core i3-1125G4 (4x 3.70GHz)
Graphic Card:	Intel UHD Graphics
Memory Support:	DDR4 (max.64GB)
Installed Memory:	**None** (Available in a different version)
Storage (HDD) Support:	SSD M.2 2242	HDD 2.5" SATA 3.0
Installed Storage (HDD):	**None** (Available in a different version)
IP Norm:	-----
Temp:	-20°C to 65°C
Storage temperature:	-40°C to 65°C
Humidity:	0% ~ 90%
Others:	Color Grey VESA holder included

LAN:	6x 2.5 GbE Intel i225-V
Wireless LAN card:	None (Available in a different version)
3G:	-----
4G LTE:	-----
Bluetooth:	No
Rear Panel (ports):	6x Gigabit LAN port
Front Panel (ports):	4x USB 3.1|1x HDMI|1x COM
Expansion:	-----
Power:	12V - AC adapter included
Watch Dog Timer:	Yes
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	155 x 126 x 52 mm
Fanless:	Yes
Weight:	1000g

371,22 €
net price: 301,81 €

yBOX-X56-(6LAN) - i3 1125G4 Barebone

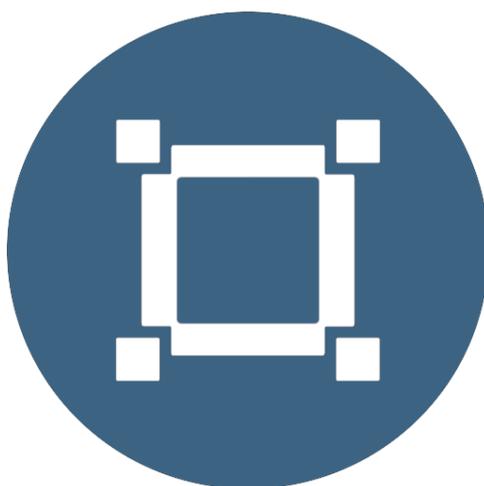**TECHNICAL SPECIFICATION**

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.

Efficent components

The Intel Core i3-1125G4 quad-core CPU provides improved device performance.
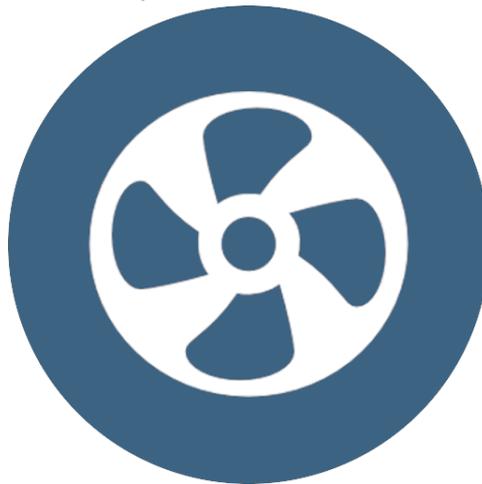
Wireless network

*

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

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.

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

SPECIFICATION

Mini-PC yBOX-X56

Processor	Intel Core i3-1125G4 (4x 3.70GHz)
Operation system	Support: Windows 10 Linux, Ubuntu
RAM	None (DDR4: 4GB|8GB|16GB|32GB|64GB) *
Drive	None (SSD M2:128GB|256GB|512GB|1TB HDD:128GB}256GB|512GB|1TB) *
Graphic card	Intel UHD 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

* Optional equipment, available only in other versions of the device.
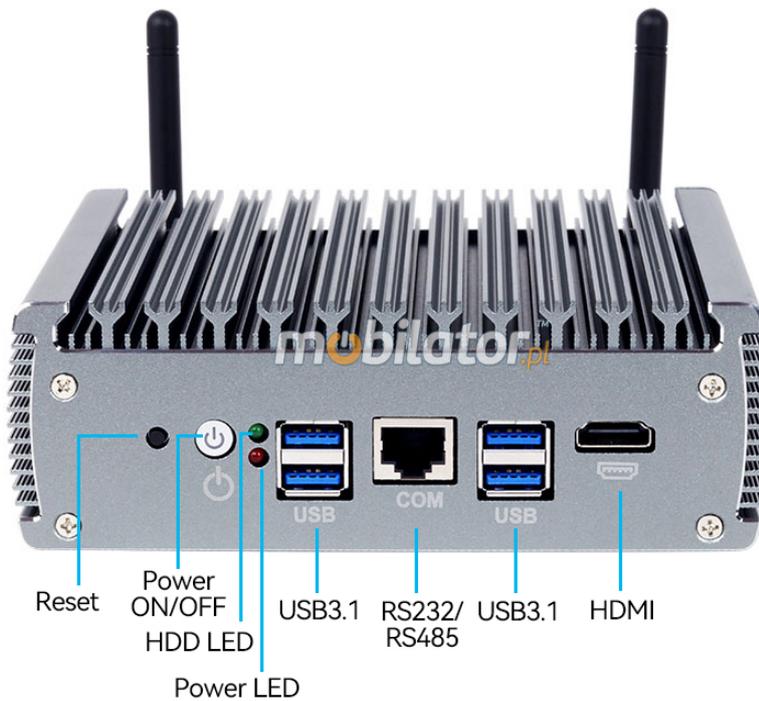
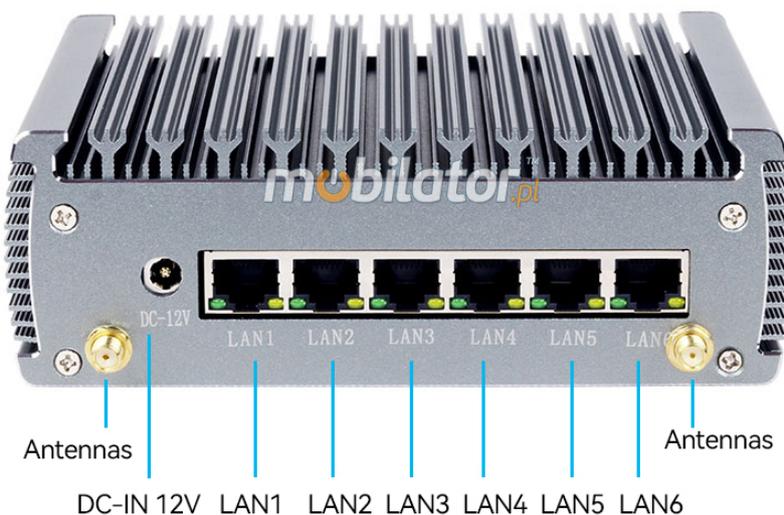ⓘ Detailed device specification is available in the "Technical data".

Efficient processor

The industrial mini-computer yBOX-X56 uses an efficient and energy-saving Intel Core i3-1125G4 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

Reset | Power ON/OFF | HDD LED | Power LED | USB3.1 | RS232/RS485 | USB3.1 | HDMI

Antennas   Antennas

DC-IN 12V LAN1 LAN2 LAN3 LAN4 LAN5 LAN6

Dimensions

52mm

126mm

155mm

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 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

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 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 *

 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.

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

CONNECTIVITY AND COMMUNICATION

Wireless network

The 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 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.

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

Wired LAN Network

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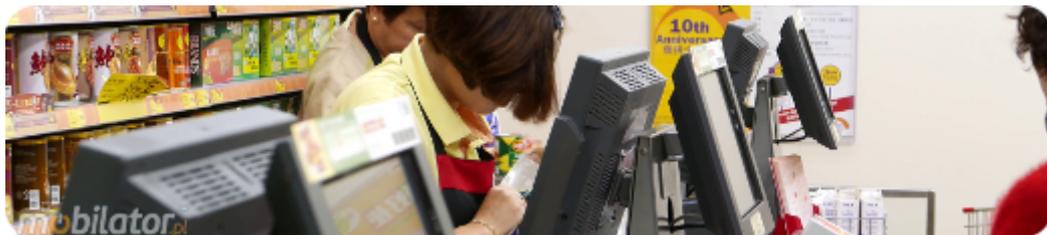
Trade and service

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.

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.

Monitor

TV

Projector

Digital signage

Printer

Monitoring

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.

ℹ️ 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
4GB RAM	−	+	+	−	−	−
8GB RAM	−	−	−	+	+	−
16GB RAM	−	−	−	−	−	+
64GB SSD	−	+	−	−	−	−

	1	2	3	4	5	6
128GB SSD	−	−	+	+	−	−
256GB SSD	−	−	−	−	+	−
512GB SSD	−	−	−	−	−	+
WiFi	−	+	+	+	+	+
Bluetooth	−	−	−	+	+	+