BOX-1U8L (i3 - 6100)

IBOX-1U8L (i3 - 6100) v.3 - Industrial server computer with SSD extension

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Microsoft Windows: 7/8/10, Linux
Installed OS:	-----
Chipset:	Intel Z170
CPU Support:	Intel i3 6100
Installed CPU:	Intel Core i3 6100 Dual Core	4 thread	3.7 GHz
Graphic Card:	Intel HD Graphics
Memory Support:	DDR4 2133/2400MHz SODIMM (MAX: 32 GB)
Installed Memory:	**16GB**
Storage (HDD) Support:	SSD / HDDmSATA / SATA / M.2
Installed Storage (HDD):	**512GB**
IP Norm:	-----
Temp:	-10°C — 50°C
Storage temperature:	-10°C — 50°C

Humidity:	5% ~ 95%
Others:	Color Black
LAN:	8x Intel 10/100/1000M
Wireless LAN card:	Yes
3G:	-----
4G LTE:	-----
Bluetooth:	-----
Rear Panel (ports):	VGA Power On/Off DC - IN
Front Panel (ports):	COM RJ45 2x USB 3.0 8x LAN
Expansion:	-----
Power:	12V5A
Watch Dog Timer:	-----
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	482mm x 501mm x 44.5mm
Fanless:	Yes
Weight:	7.200g

4 186,45 zł
net price: 3 403,62 zł

IBOX-1U8L (i3 - 6100)

WiFi®

intel inside™ CORE™ i3

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-1U8L 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

Lightweight design

The computer's weight does not exceed 8.0 kg, so it can be conveniently carried in a bag or backpack.

will fit wherever you need it and is easy to carry.

Efficent components

The Intel i3 6100 dual - 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.

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

SPECIFICATION

Performance

Processor	Intel Core i3 6100 Dual Core	4 thread	3.7 GHz
Graphics card	Intel HD Graphics
Operating system	Windows 7/8/10	Linux
RAM	16GB (2xDDR4 2133/2400MHz SODIMM) MAX: 32 GB
Drive	512GB SSD

Interfaces

Connectivity	Wi-Fi 3G * 4G* LAN - 8xIntel 1000M Lan
Front panel	RJ45 COM / 2x USB 3.0 / 8x LAN
Rear panel	VGA / Power On/Off / DC-IN

Other

Available colors	Black
Dimensions	430mm x 280mm x 46mm
Weight	7.2 kg

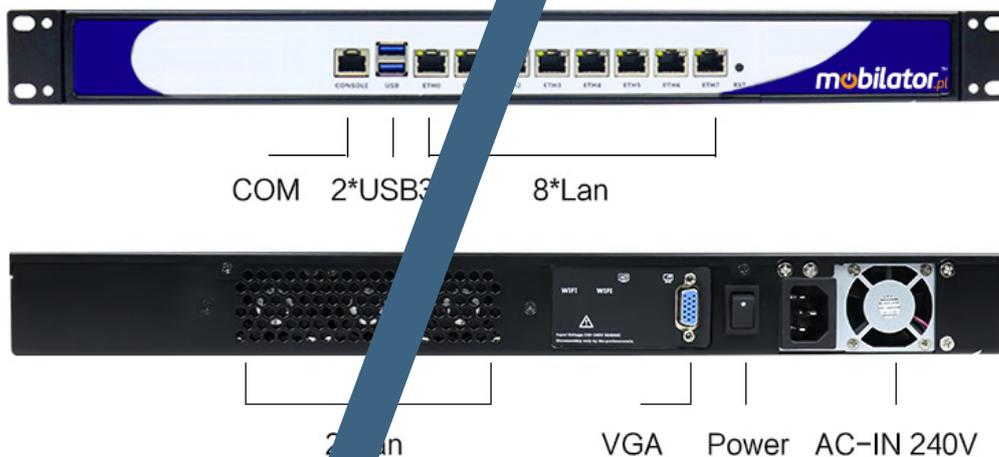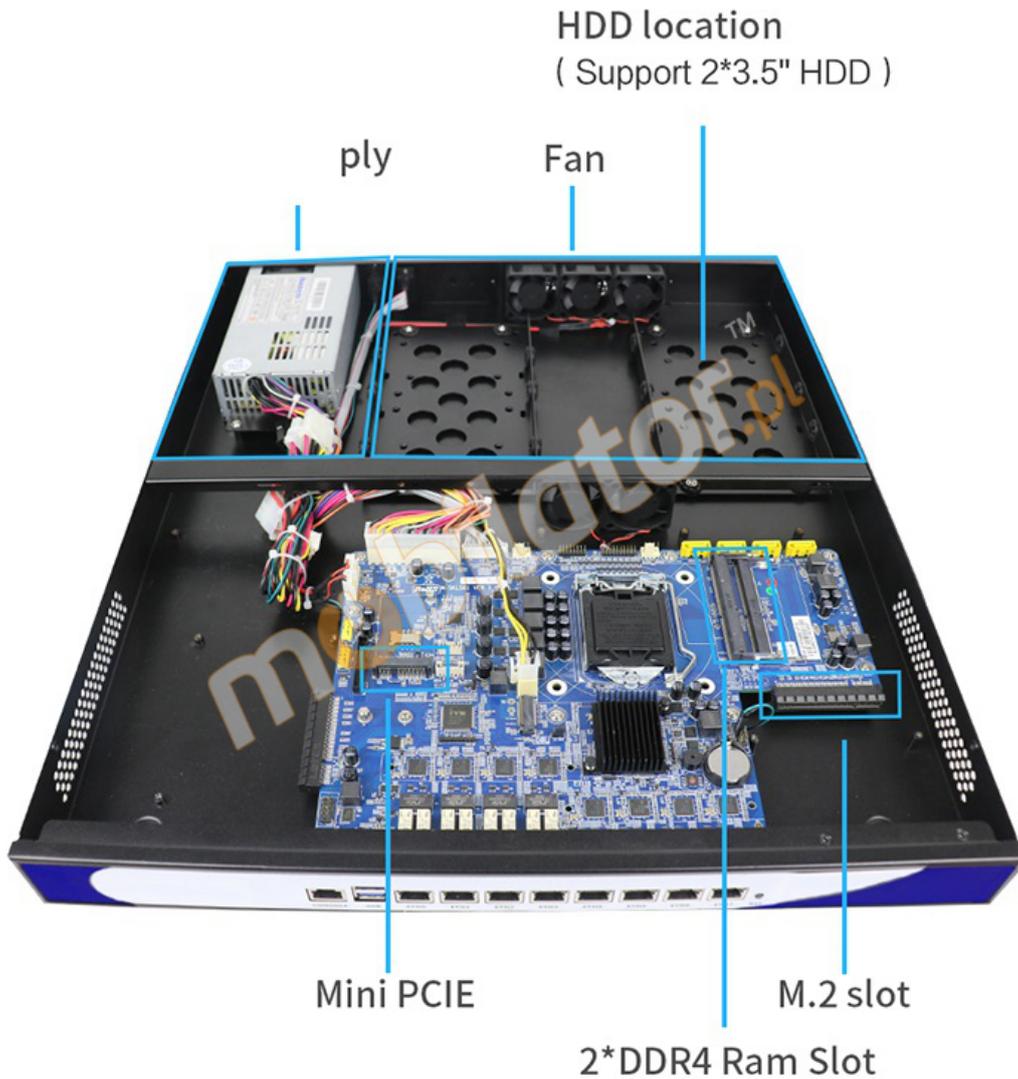***** Optional equipment, available only in other versions of the device.

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

EFFICIENT PROCESSOR

The industrial mini-computer IBOX-1U8L uses an efficient and energy-saving Intel i3 6100 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

COM   2*USB3   8*Lan

VGA   Power   AC-IN 240V

HDD location
(Support 2*3.5" HDD)

ply   Fan

Mini PCIE

2*DDR4 Ram Slot

M.2 slot

DIMENSIONS

501mm

44.5mm

26mm

430mm

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 - additionally device have 2 other fans to perfect distribution air inside.

RESISTANCE

TEMPERATURES

IBOX-1U8L is designed for continuous operation in both very low and high temperatures ranging from -10 ° C to 50 ° C. If the device is switched off, it can already handle temperatures in the range of -10 ° C to 50 ° C.

Work temp.	-10°C — 50°C
Humidity	5% — 95% Non-condensing

MECHANICAL DAMAGE

The passive cooling system used in the MiniPC IBOX-1U8L 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.

CONNECTION

WIRELESS NETWORK (OPTIONAL)

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-1U8L has been equipped the standard of - 802.11n, which allows transfer of files at a dizzying speed of up to 300 Mb / s.

WIRED LAN NETWORK

The MiniPC IBOX-1U8L has built-in 8x Intel network adapter that can work in a fast Gigabit Ethernet network.
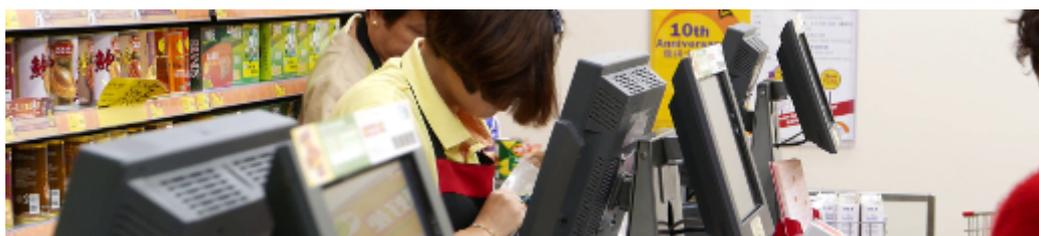
APPLICATIONS

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 rack holder can help you with mount device in your server cabinet.

WAREHOUSE AN OGISTICS

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".

VERSIONS

internal packaging

individual packaging

power cord

PC

CD Driver

The industrial mini-computer IBOX-1U8L 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	Barebone
WiFi				—	—	—
3G	—	—	—		—	—
4G LTE	—	—	—	—		—
4GB RAM		—	—			—
8GB RAM	—	—		—	—	—
16GB RAM	—	—	—	—	—	—
64GB SSD		—	—			—
256GB SSD	—		—	—	—	—
512GB SSD	—	—		—	—	—