IBOX 2203N (i7) v.7 - Rugged industrial desktop computer with Intel Core i7 WiFi6, 512GB SSD M.2, 8GB RAM, and 4G

SSD DRIVES

intel INSIDE

DDR4

Category:	MiniPC Industry
Manufacturer:	Mobilator
Supported OS:	Windows: 11 | Linux
Installed OS:	-----
Chipset:	Intel Chipset
CPU Support:	Intel Core i7
Installed CPU:	Intel Core i7 10810U (6x 1.10GHz)
Graphic Card:	SSD M.2 | SSD | HDD
Memory Support:	DDR4
Installed Memory:	**8GB**
Storage (HDD) Support:	Intel UHD Graphics 620
Installed Storage (HDD):	**512GB SSD M.2**
IP Norm:	-----
Temp:	-20°C do 50°C
Storage temperature:	-20°C do 50°C
Humidity:	5% ~ 95%
Others:	Color black
LAN:	6x2.5 GbE Intel i225-V

Wireless LAN card:	Intel-AX210(M.2) (WiFi6)
3G:	Yes
4G LTE:	Yes
Bluetooth:	No
Rear Panel (ports):	DC	HDMI	6x RJ-45 LAN |DP
Front Panel (ports):	4x USB 3.0	2x COM	sim slot
Expansion:	-----
Power:	12V
Watch Dog Timer:	Yes
CD/DVD Drive:	-----
TV Tuner:	-----
Dimensions:	186 x 126.5 x 66 mm
Fanless:	Yes
Weight:	1300g

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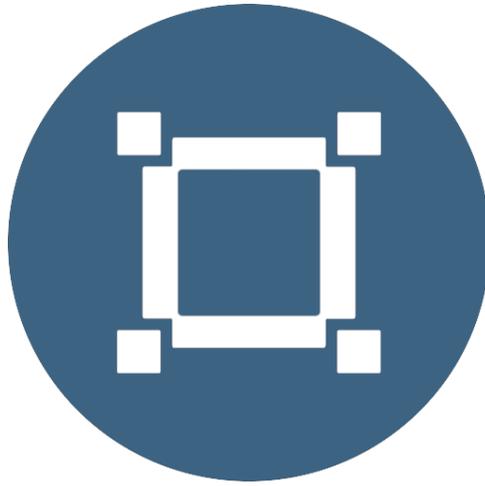net price: 2 456,25 zł

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 2203N 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 1.3 kg, so it can be conveniently carried in a bag or backpack.

Efficent components

The Intel Core i7 10810U 6-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 M.2 drive will increase the speed of application programs and ensure quiet computer operation.

Passive cooling

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SPECIFICATION

Mini-PC IBOX 2203N	
Processor	Intel Core i7 10810U
Operation system	Support: Windows 11

Mini-PC IBOX 2203N

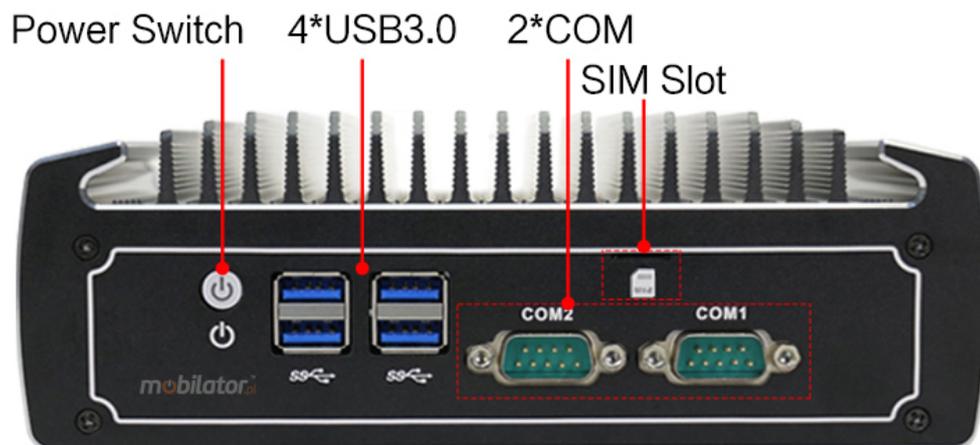|	
RAM	8GB DDR4 16GB DDR4 *(option) 32GB DDR4 *(option)
Drive	256 GB SSD M.2 *(option) 512 GB SSD M.2 1 TB SSD M.2 *(option) 1TB SSD *(option)
Graphic card	INTEL UHD GRAPHICS 620
Connectivity	WLAN (WiFi6) : (Intel-AX210(M.2)) WLAN (WiFi) : (RTL8821AE-DUAL) *(option) LAN: 6x 2.5 GbE Intel i225-V 4G
Front panel	4x USB 3.0 | 2x COM | Sim slot
Rear panel	DC | HDMI | 2x RJ-45 LAN | DP | 2x USB 2.0
Available colors	Black
Dimensions	186 * 126.5 * 66 mm
Weight	1.3 kg

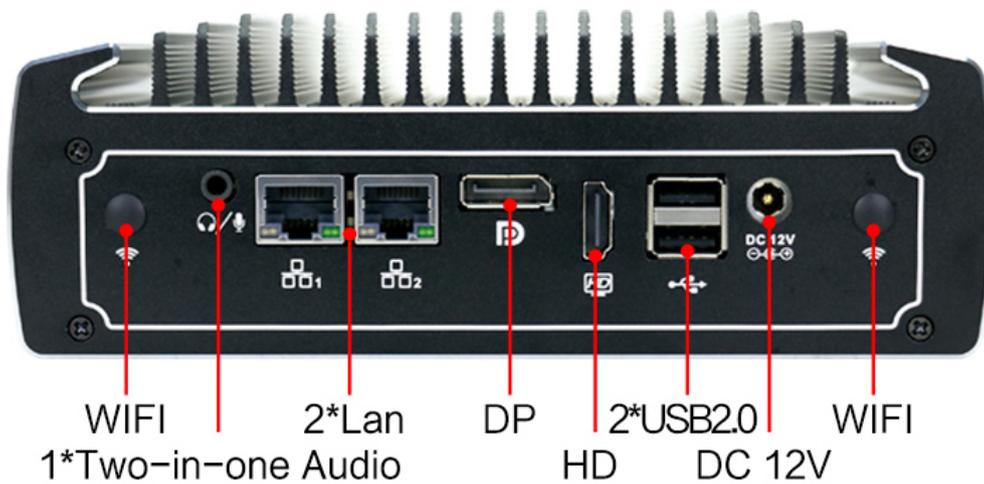ⓘ Detailed device specification is available in the "Technical data".

Efficient processor

The industrial mini-computer IBOX 2203N uses an efficient and energy-saving Intel Core i7 10810U processor. Inside it there are six 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 Switch   4*USB3.0   2*COM

SIM Slot

WIFI
1*Two-in-one Audio
2*Lan
DP
2*USB2.0
HD
DC 12V
WIFI

Dimensions

126.5mm

186mm

66mm

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	186 x 126.5 x 66 mm
Weight	1300g

Passive cooling

The industrial Mini PC uses a proven cooling system, based only on solid elements, mainly heat sink

RESISTANCE AND DURABILITY

Temperatures

IBOX   2203N

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

Work temp.	-20°C do 50°C
Humidity	0% to 95%

Mechanical damage

The passive cooling system used in the MiniPC IBOX 2203N combined   with   the   SSD   M.2   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.

CONNECTIVITY AND COMMUNICATION

Wireless network WiFi6

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 IBOX 2203N has been equipped the standard of - (Intel-AX210(M.2)) Module , which allows transfer of files at a dizzying speed of up to 800 Mb / s.

Wired LAN Network

The MiniPC IBOX 2203N has built-in Intel network adapter that can work in a fast Gigabit Ethernet network.
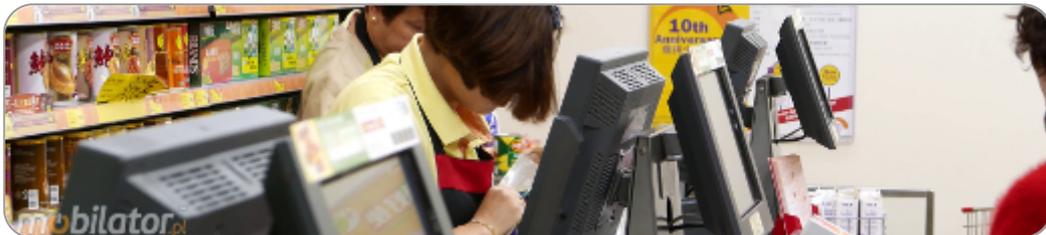
DEVICE APPLICATION

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.

AVAILABLE VERSIONS

The industrial mini-computer IBOX 2203N 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	v.7	v.8	v.3
8GB RAM	+	+	–	–	–	+	+	+	–
16GB RAM	–	–	+	+	–	–	–	–	+
32GB RAM	–	–	–	–	+	–	–	–	–
256GB SSD M.2	+	–	–	–	–	–	–	+	–
512GB SSD M.2	–	+	+	–	–	+	+	–	+
1TB SSD M.2	–	–	–	+	+	–	–	–	–
1TB SSD	–	–	–	–	–	+	–	–	–
WiFi5	–	+	–	–	–	–	–	–	–
WiFi6	–	–	+	+	+	+	+	+	+

4G	—	—	—	—	—	—	+	—	—
Windows 11 PRO licence	—	—	—	—	—	—	—	+	—