



HyBOX TH55 - i3 v.2 - (3 YEAR WARRANTY)
Rugged fanless industrial small desktop
for manufacturing process management,
Intel i3, WiFi, 16GB RAM, 256GB SSD

Category:	MiniPC Industry
Manufacturer:	Mobilator
Others:	Color Black
Chipset:	Intel Chipset
CPU Support:	Intel Core i3
Installed CPU:	Intel Core i3-8145U (2x 2.10GHz)
Memory Support:	DDR4 (max.16GB)
Installed Memory:	16GB DDR4
Graphic Card:	Intel UHD Graphics 620
Storage (HDD) Support:	SSD
Installed Storage (HDD):	256GB SSD
CD/DVD Drive:	-----
LAN:	2xINTEL-I210/I211 Gigabit
Wireless LAN card:	Mini PCI-E Wi-Fi Module
Bluetooth:	No

3G:	-----
TV Tuner:	-----
Watch Dog Timer:	Yes
Front Panel (ports):	4x USB 2.0 1x SIM 4G
Rear Panel (ports):	2x 3.5mm Audio 2x Gigabit LAN Port 1x HDMI 2x DP 2x Wifi Antennas
Power:	12V
Supported OS:	Windows: 7/8//10 Linux
Installed OS:	-----
Dimensions:	237 x 175 x 53 mm
Weight:	1650g
Expansion:	-----
Fanless:	Yes
Humidity:	0% ~ 95%
Temp:	-15°C do 65°C
IP Norm:	-----
Storage temperature:	-15°C do 65°C

575,73 €

net price: 468,07 €



TECHNICAL SPECIFICATION

RESISTANCE AND DURABILITY

CONNECTIVITY AND COMMUNICATION

DEVICE APPLICATION

AVAILABLE VERSIONS

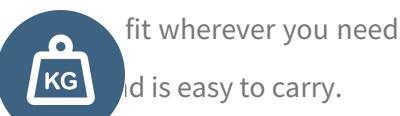
Small dimensions industrial computers excel in environments where dust, dirt and moisture predominate. They are ideal for applications requiring quiet operation. Small and reliable MiniPC use heat-pipe technology and aluminum fins for passive cooling. The robust mini Industrial Computer HyBOX TH55 is 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 1.7 kg, so it can be conveniently carried in a bag or backpack.



Efficient components

The Intel Core i3-8145u 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.

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.

SPECIFICATION

Mini-PC HyBOX TH55

Processor	Intel Core i3-8145U (2x 2.10GHz)
Operation system	Support: Windows 7/8/10 Linux
RAM	DDR4: 16GB
Drive	256GB SSD
Graphic card	Intel UHD Graphics 620

Mini-PC HyBOX TH55

Connectivity	WLAN: Mini PCI-E Wi-Fi Module LAN; 2xINTEL-I210/I211 Gigabit
Front panel	4x USB 2.0 1x SIM 4G
Rear panel	2x 3.5mm Audio 2x Gigabit LAN Port 1x HDMI 2x DP 2x Wifi Antennas
Available colors	Black
Dimensions	237 x 175 x 53 mm
Weight	1.65 kg



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

Efficient processor



The industrial mini-computer HyBOX TH55 uses an efficient and energy-saving Intel Core i3-8145U 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



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	237 x 175 x 53 mm
Weight	1650g

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



Temperatures

is designed for continuous operation in both very low and high temperatures ranging from -15°C to 65°C

C. If the device is switched off, it can already handle temperatures in the range of -15°C to 65°C

Work temp.	-15°C do 65°C
Storage temp.	-15°C do 65°C
Humidity	0% to 95%
Mechanical damage	

The passive cooling system used in the MiniPC HyBOX TH55 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.

CONNECTIVITY AND COMMUNICATION

Wireless network

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 HyBOX TH55 has been equipped the standard of -Mini PCI-E Wi-Fi Module , which allows transfer of files at a dizzying speed of up to 300 Mb / s.

Wired LAN Network

The MiniPC HyBOX TH55 has built-in Intel network adapter that can work in a fast Gigabit Ethernet network.



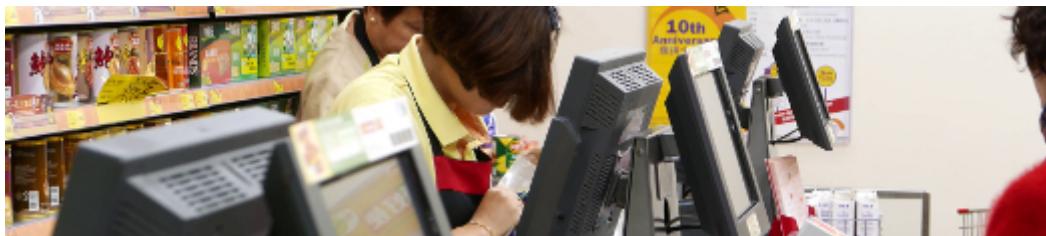
DEVICE APPLICATION

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 HyBOX TH55 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
8GB RAM	—	—	—	—
16GB RAM	—	—	—	—
256GB SSD	—	—	—	—
512GB SSD	—	—	—	—
Windows 10 Licence	—	—	—	—