



mBOX QC750 v.1 - Industrial MiniPC with Intel Celeron Gemini Lake J4125 Quad Core, 4GB RAM i 128GB SSD



<b>Category:</b>	MiniPC Industry
<b>Manufacturer:</b>	Mobilator
<b>Supported OS:</b>	Windows: 10   Linux
<b>Installed OS:</b>	-----
<b>Chipset:</b>	Intel Chipset
<b>CPU Support:</b>	Intel Celeron
<b>Installed CPU:</b>	Intel Celeron Gemini Lake Refresh (J4125 Quad Core Processor 2.0GHz Up To 2.7GHz 4M Cache)
<b>Graphic Card:</b>	Intel UHD Graphics 600
<b>Memory Support:</b>	DDR4
<b>Installed Memory:</b>	4 GB ( integrated)
<b>Storage (HDD) Support:</b>	SSD/HDD
<b>Installed Storage (HDD):</b>	128 GB SSD
<b>IP Norm:</b>	-----
<b>Temp:</b>	0°C~50°C
<b>Storage temperature:</b>	-20°C~80°C
<b>Humidity:</b>	10% ~ 90%
<b>Others:</b>	Color Black
<b>LAN:</b>	1 x Realtek 8111H Gigabit LAN

<b>Wireless LAN card:</b>	-----
<b>3G:</b>	-----
<b>4G LTE:</b>	-----
<b>Bluetooth:</b>	-----
<b>Rear Panel (ports):</b>	1x DC Jack   2x USB2.0   2x USB3.0   1x RJ45 Port for Gigabit LAN   1x HDMI   1x Mic/Output
<b>Front Panel (ports):</b>	2x RS-232   1x Power button
<b>Expansion:</b>	-----
<b>Power:</b>	12V3A
<b>Watch Dog Timer:</b>	YES
<b>CD/DVD Drive:</b>	-----
<b>TV Tuner:</b>	-----
<b>Dimensions:</b>	135 x 77 x 40 (mm)
<b>Fanless:</b>	Yes
<b>Weight:</b>	0.5kg

**282,31 €**

net price: 229,52 €



## TECHNICAL SPECIFICATION

## RESISTANCE AND DURABILITY

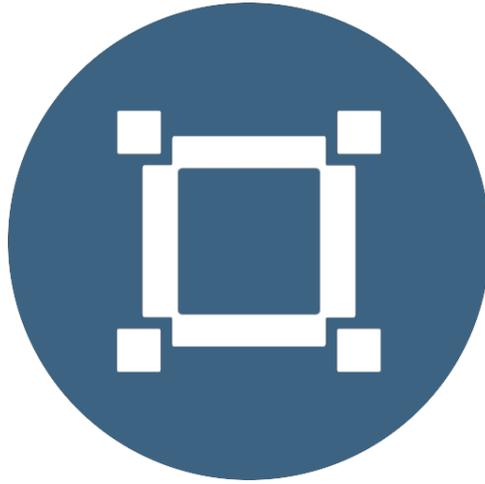
## CONNECTIVITY AND COMMUNICATION

## 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 QC750

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



### Lightweight design

The computer's weight does not exceed 1.5 kg, so it can be conveniently carried in a bag or backpack.



### Efficient components

The Intel Celeron J4125 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.

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

## SPECIFICATION

Mini-PC QC750	
Processor	Intel Celeron J4125 (2.0GHz Up To 2.7GHz)
Operation system	Support: Windows 10 Linux
RAM	DDR4 : 4GB (Integrated)
Drive	128 GB SSD
Graphic card	Intel UHD Graphics 600
Connectivity	WLAN: none * LAN:1 x Realtek 8111H Gigabit LAN
Front panel	2xRS-232 1xPower Button
Rear panel	1 x DC Jack 2 x USB2.0 2 x USB3.0 1 x RJ45 Port for Gigabit LAN 1 x HDMI 1 x Mic/Output
Available colors	Black
Dimensions	135 x 77 x 40mm
Weight	0.5 kg

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



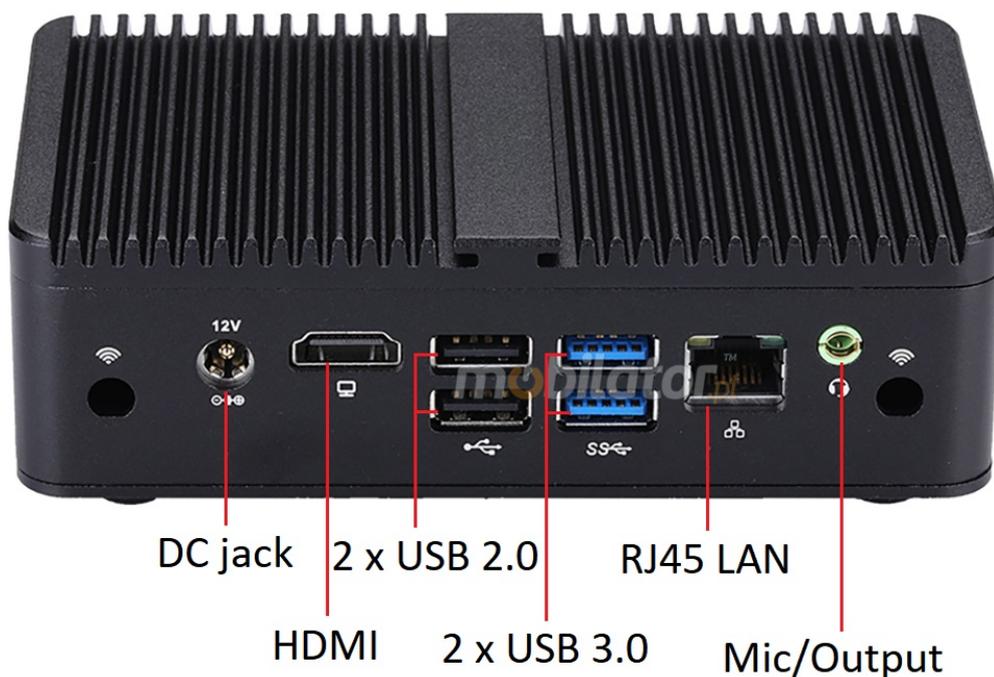
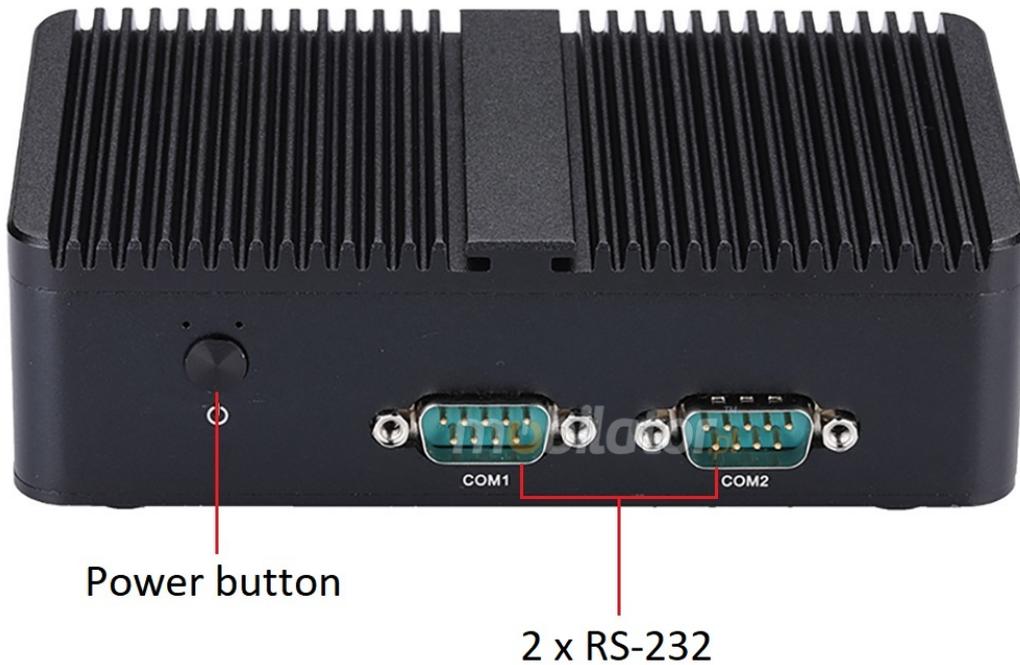
Detailed device specification is available in the "Technical data".

### Efficient processor

The industrial mini-computer QC750 uses an efficient and energy-saving Intel Celeron J4125 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.

<b>Dimensions</b>	135 x 77 x 40mm
<b>Weight</b>	500g

## Passive cooling



The industrial Mini PC uses a proven cooling system, based on solid elements, mainly heat sinks. However, pc has a small fan which function is redistributing heat evenly across the case, helping heat sinks keep the optimal temperature of the device.

## RESISTANCE AND DURABILITY



## Temperatures

QC750

is designed for continuous operation in both very low and high temperatures ranging from 0 ° C to 50 ° C. If the device is switched off, it can already handle temperatures in the range of -20 ° C to 80 ° C.

<b>Work temp.</b>	0°C to 50°C
<b>Storage temp.</b>	-20°C to 80°C
<b>Humidity</b>	10% to 90%

## Mechanical damage

The passive cooling system used in the MiniPC QC750 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 (option)

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 QC750

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

### Bluetooth (option)

Bluetooth enables wireless short-range communication between various electronic devices, such as the keyboard, computer, laptop, palmtop, mobile phone and many others. In the fourth version of this standard, energy consumption was reduced considerably, at the expense of lower transfer costs, and real operating coverage increased.

### Wired LAN Network

The MiniPC QC750 has built-in Realtek network adapter that can work in a fast Gigabit Ethernet

network.

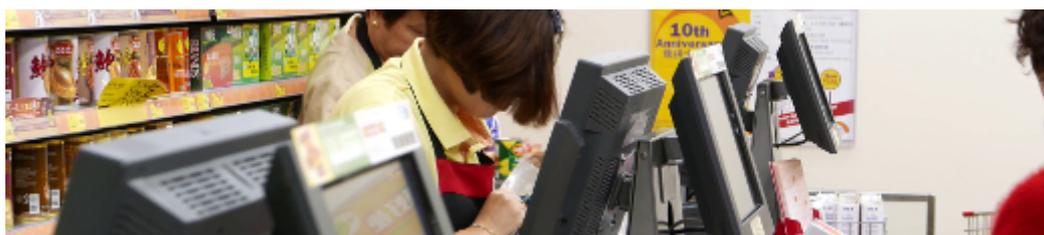


## DEVICE APPLICATION

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.



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 QC750 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
WIFI	—	—	+	+
Bluetooth	—	—	—	+
128 GB SSD	—	+	+	+
256 GB SSD	—	+	—	—
512 GB SSD	—	—	+	—
4 GB ram	+	+	+	+