



Computer MiniPC mBOX Q6-610S v.1



|                                 |                                                |
|---------------------------------|------------------------------------------------|
| <b>Category:</b>                | MiniPC Industry                                |
| <b>Manufacturer:</b>            | Mobikator                                      |
| <b>Others:</b>                  | Color White                                    |
| <b>Chipset:</b>                 | Intel B150                                     |
| <b>CPU Support:</b>             | Intel Celeron                                  |
| <b>Installed CPU:</b>           | Intel Celeron G3900 (2x 2.8GHz) 2MB SmartCache |
| <b>Memory Support:</b>          | DDR4 max.32GB                                  |
| <b>Installed Memory:</b>        | 2GB DDR4 2133 MHz                              |
| <b>Graphic Card:</b>            | Intel HD Graphics 510                          |
| <b>Storage (HDD) Support:</b>   | SSD/HDD                                        |
| <b>Installed Storage (HDD):</b> | 32 GB SSD                                      |
| <b>CD/DVD Drive:</b>            | -----                                          |
| <b>LAN:</b>                     | Intel I211-AT 10/100/1000M                     |
| <b>Wireless LAN card:</b>       | Option                                         |
| <b>Bluetooth:</b>               | -----                                          |

|                      |                                                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|
| 3G:                  | -----                                                                                                                     |
| TV Tuner:            | -----                                                                                                                     |
| Watch Dog Timer:     | Yes                                                                                                                       |
| Front Panel (ports): | 2x USB 3.01x Mic1x AudioPower button                                                                                      |
| Rear Panel (ports):  | Power connector DC12V2x Intel i211 RJ45 Gigabit LAN1 x DC Jack1 x USB 3.0 5 x USB 2.04x RS-232, COM1/COM2 Supports 5V/12V |
| Power:               | 12V3A/5A                                                                                                                  |
| Supported OS:        | Microsoft Windows: 7/8/8.1/10, Linux                                                                                      |
| Installed OS:        | -----                                                                                                                     |
| Dimensions:          | 165 x 165 x 57mm                                                                                                          |
| Weight:              | 2000g                                                                                                                     |
| Expansion:           | -----                                                                                                                     |
| Fanless:             | None                                                                                                                      |
| Humidity:            | 10% ~ 90%                                                                                                                 |
| Temp:                | 0°C — 50°C                                                                                                                |
| IP Norm:             | -----                                                                                                                     |
| Storage temperature: | -20°C — 80°C                                                                                                              |

Product from the Archive - production finished

Komputer Przemysłowy MiniPC mBOX Q6-610S MOBILATOR.PL INTEL CELERON

|                                |
|--------------------------------|
| TECHNICAL SPECIFICATION        |
| RESISTANCE AND DURABILITY      |
| CONNECTIVITY AND COMMUNICATION |
| DEVICE APPLICATION             |
| AVAILABLE VERSIONS             |

Small dimensions computers are at the forefront in environments where dust, dirt and moisture predominate. They are ideal for applications requiring quiet operation. The rugged mini mBOX-Q610S is a device designed for all home, office and other uses 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 2.5kg, so it can be conveniently carried in a bag or backpack.



#### Efficient components

The Intel Celeron dual-core CPU provides improved device performance.



#### Wireless network

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



#### Quick start

A modern SSD drive will increase the speed of application programs and ensure quiet computer operation.



#### Cooling

The use of fan cooling in the Mini PC ensures quiet operation of the device.

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| Performance      |                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Processor        | Intel Celeron (2x 2.80 GHz)                                                                                                 |
| Graphics card    | Intel HD Graphics 510                                                                                                       |
| Operating system | Windows 7/8/10   Linux                                                                                                      |
| RAM              | 2GB DDR4                                                                                                                    |
| Drive            | 32GB SSD                                                                                                                    |
| Interfaces       |                                                                                                                             |
| Connectivity     | Wi-Fi - Realtek 5572 N 300 Mb/s<br>LAN - 2x Intel i211AT 1Gb/s                                                              |
| Front panel      | 2x USB 3.0 / Power On/Off                                                                                                   |
| Rear panel       | Power connector / 2x Gigabit LAN/<br>1 x DC Jack / 5 x USB 2.0 / 1 x 1 x USB 3.0 / 4 x RS-232, COM1/COM2 Supports<br>5V/12V |
| Other            |                                                                                                                             |
| Available colors | White                                                                                                                       |
| Dimensions       | 165 x 165 x 57mm                                                                                                            |

| Other  |       |
|--------|-------|
| Weight | 2.0kg |

### EFFICIENT PROCESSOR

The mini-computer mBOX-Q610s uses an efficient and energy-saving Intel Celeron 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





Detailed device specification is available in the "[Technical data](#)" tab.

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# RESISTANCE

## TEMPERATURES

mBOX-Q610s 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.



|               |              |
|---------------|--------------|
| Work temp.    | 0°C — 50°C   |
| Storage temp. | -20°C — 80°C |

Humidity

10% — 95%

## MECHANICAL DAMAGE

MiniPC mBOX-Q610S combined with the non-disk SSD make this computer very resistant to various types of mechanical injuries.

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# ŁĄCZNOŚĆ

## 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. Mini-PC mBOX-Q610s 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 mBOX Q610s has built-in two Intel i211AT network adapters that can work in a fast Gigabit Ethernet network.



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# APPLICATIONS

## HOME AND OFFICE

Thanks to its small size, the MiniPC can work at home. It will fit virtually everywhere, so you can mount them. It will already work as a device for storing and retrieving information. COM ports hosting the installation of multiple devices in the office and its management. Its durability of the casing is in difficult conditions prevailing in such frames. Robust construction ensures long-lasting work, even in

terms of safety and protection against dirt.



More pictures of the device available in the "[Gallery](#)" tab.

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# VERSIONS



The mini-computer mBOX-Q610s 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 | v.6 | v.7 | v.8 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 2 GB RAM   | —   |     | —   | —   | —   | —   | —   | —   | —   |
| 4 GB RAM   | —   | —   |     |     | —   | —   | —   | —   | —   |
| 8 GB RAM   | —   | —   | —   | —   |     |     | —   | —   | —   |
| 16 GB RAM  | —   | —   | —   | —   | —   | —   |     |     | —   |
| 32 GB RAM  | —   | —   | —   | —   | —   | —   | —   | —   |     |
| 32 GB SSD  | —   |     | —   | —   | —   | —   | —   | —   | —   |
| 64 GB SSD  | —   | —   |     | —   | —   | —   | —   | —   | —   |
| 128 GB SSD | —   | —   | —   |     | —   | —   | —   | —   | —   |
| 256 GB SSD | —   | —   | —   | —   |     | —   |     | —   |     |
| 500 GB HDD | —   | —   | —   | —   | —   |     | —   |     | —   |
| WIFI       | —   |     |     |     |     |     |     |     |     |