

# MONOPOLY - electronic version

## User Documentation

Monopoly gives you a chance to play the favourite game that you used to have to carry around electronically, meaning you only need your computer to play it. The players can play in a hot-seat mode meaning, that you are going to have to be physically present to play the game as the network version is not (yet) implemented.

### Rules

The rules are pretty similar to what you are used to when playing traditional version of the game.

You always have to start the game with the dice roll. If you roll 6, you roll the dice again. This is, however, done automatically for you, so there is no need to press the button again.

After you move your character, you have to play the field that you stepped on. You are always going to be prompted to decide about the options, should you have any.

You can only upgrade the coloured fields and to have an opportunity to upgrade a field, you must:

- a) Step on the field
- b) Own all the cards of the colour group before you roll the dice
- c) Have sufficient funds to purchase an upgrade

In case you have not got money to perform an operation, such as paying rent or paying money on risk or tax field, you can either quit the game, therefore declare bankruptcy, or mortgage some of your properties.

After you pass the start line, you will receive 30 million automatically.

The game ends when there is only one player left. This player wins the game.

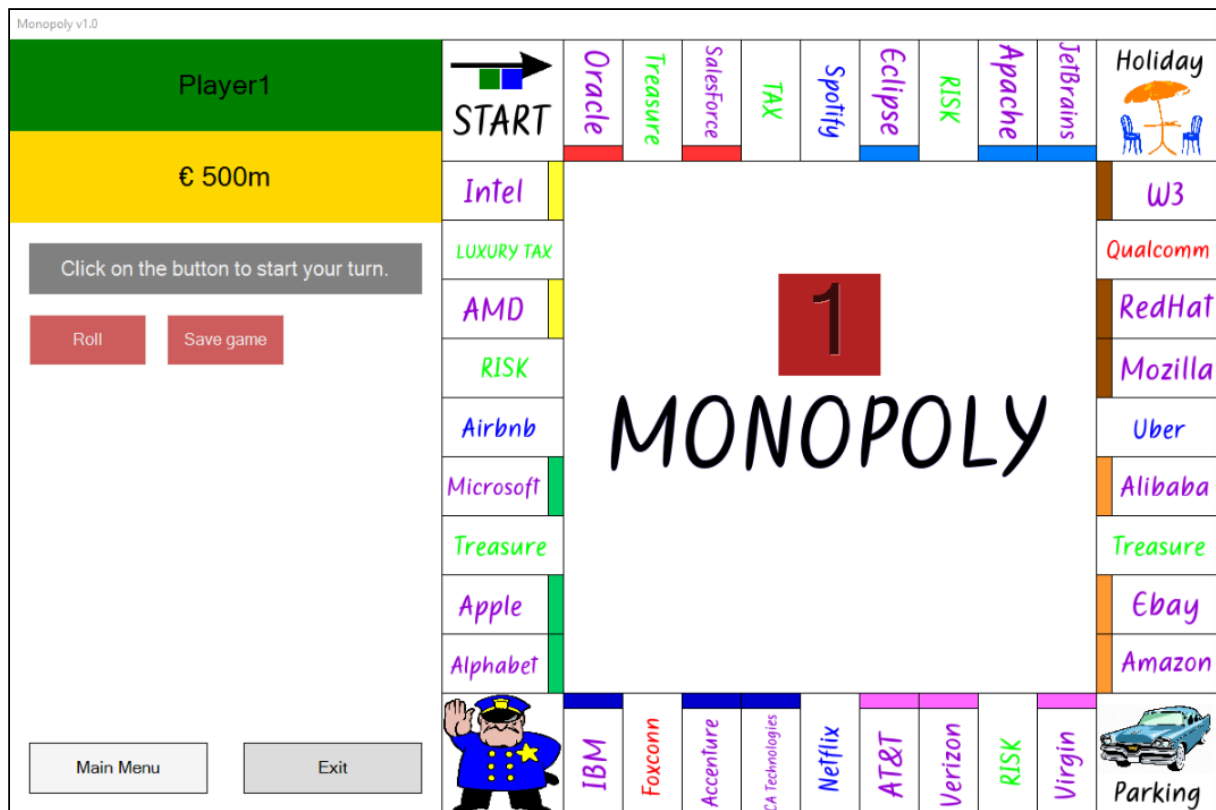
### Controls

Before you launch the game, you can choose the number of players from 2 to 6 and starting money. It is suggested to choose as much money as possible for easier game and more fun.

When you are prompted to name the players, the name field must not stay empty, because you are not going to be able to continue afterwards. You can also choose if you want the player to be a human player or an AI player. The first player must always be a human player.

The Game Hub is then very simple. You can control the game with 5 buttons:

- 3 game buttons
- 1 main menu button
- 1 exit button



Pic.1: The Game Hub with the red game buttons

During the game, you are always going to be prompted to only use one of the 3 buttons that will appear on the left side of the game window. At every moment, you are going to be informed what you are going to do and you will be provided with relevant options in form of 1 to 3 buttons.

You can also use keyboard to control the game when in the Game Hub mode. For buttons, you can press 1, 2 and 3 for the first, second and third button respectively. For main menu button, press M key and to exit the game, press key L. Note, however, that when you press the main menu button, you will be redirected to the main menu and any unsaved changes of your game will be lost.

If you want to speed up your game, you can press more keys in a row, which will then be played with the game flow in order you pressed them. This is, however, not suggested as the outcome of the game may be different from what you expected and you may end up playing the way you didn't want to. Therefore, you should consider carefully what you are going to press or click at.

When mortgaging properties, you can choose multiple properties from the displayed list in case you want to mortgage more properties at once, clicking on several items while holding the Shift key.

**Running the game**

The game can easily be launched by double-clicking onto the Monopoly.exe file.

It has so far been tested on a machine with configuration:

- Intel Core i7-6500U Skylake
- 8GB RAM
- Windows 10 64-bit

Built and compiled in Microsoft Visual Studio Community 2017 Version 15.7.5

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