

## Setting up a UCI engine in Chessbase Fritz 17

There are many ways of doing this with different chess programs. I will assume here that you have

1. Chessbase Fritz 17

This process can be used for many different engines. We will demonstrate the process in this work instruction with the latest official version of Stockfish at the time of writing.

## Downloading Stockfish




1. Go to <https://stockfishchess.org/download/>

# Download Stockfish 13

## Windows




Note: The Stockfish chess engine is a command line program. You may want to use it in your own UCI-compatible [chess GUI](#).

### Instruction set / CPU

 <b>BMI2:</b> recommended for most Intel processors and AMD Ryzen (Zen 3) <a href="#">details</a>	<a href="#">Download</a>
 <b>AVX2:</b> recommended for AMD Ryzen (Zen, Zen+, Zen 2) <a href="#">details</a>	<a href="#">Download</a>
 <b>64-bit:</b> Maximally compatible but slow	<a href="#">Download</a>

Want more options? [See all Windows binaries](#)

2. Select the best match for your PC. The most likely version if you have a fairly modern PC is the top one (BMI2)
3. Click on Download
4. Unzip the downloaded file, extracting all files to a folder.

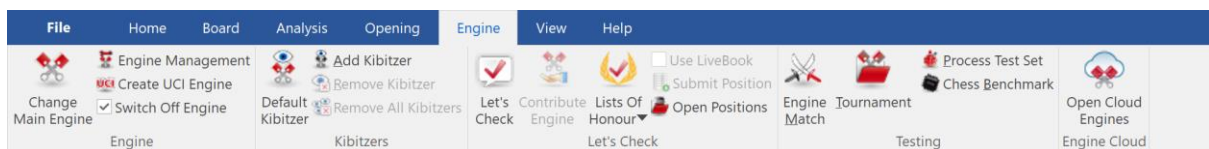
 stockfish_13_win_x64_bmi2.zip	22/05/2021 20:01	Compressed (zipp...	12,216 KB
<hr/>			
 sf_13	22/05/2021 20:02	File folder	
 stockfish_13_win_x64_bmi2.exe	22/05/2021 20:02	Application	21,722 KB

## Creating the UCI Engine in Chessbase Fritz 17

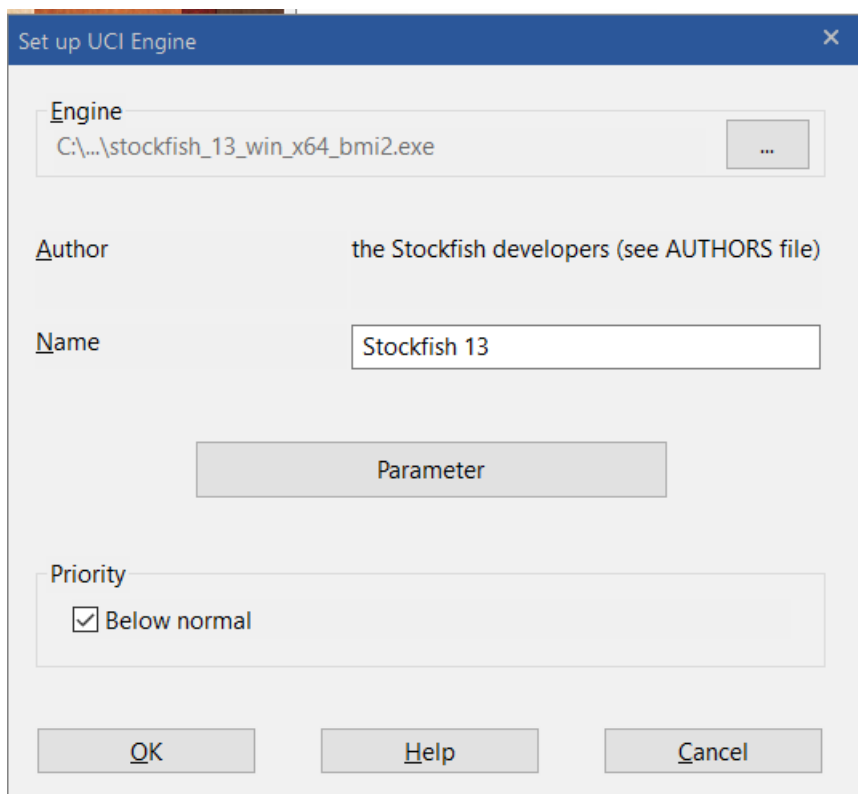
1. Start Chessbase Fritz 17
2. Select Enter and Analyse from the opening menu



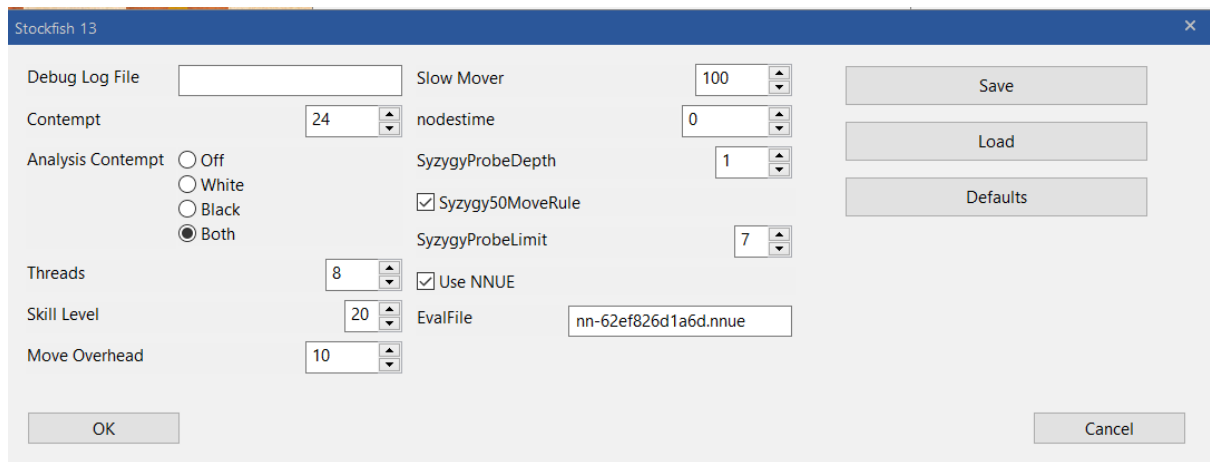
3. Go to Engine and click Create UCI Engine



4. Browse to the location where you unzipped the Stockfish files and click Open



5. Click on Parameter



6. Verify that the Threads setting is set to at least the number of CPU cores in your system.
  - a. You can verify the number of CPU cores by starting up the Windows Task Manager and going to the Performance tab

Base speed: 3.10 GHz  
 Sockets: 1  
 Cores: 8  
 Logical processors: 16

- b. I have 8 CPU cores in my machine so I should configure 8 threads as a minimum with a maximum of 16.
7. Click on Save, save the parameters file and then click on OK three times.
8. Stockfish will then be available for you to use as an analysis engine.