System Requirements

- **Operating system (64-bit or 32-bit):**
  - Windows 7+
  - macOS 10.7+
  - Linux
- **RAM:**
  - 512 Mb RAM is required.
  - At least 2 Gb RAM is recommended.
- **Disk space:**
  The minimum required disk space depends on the UGENE package:
  - Standard package: 200-300 Mb
  - Online installer (with default settings), Full package: 500-900 Mb
  - NGS package (with ChIP-Seq data): 21-24 Gb
  - UGENE with all components installed (data for metagenomics classification and ChIP-Seq): 250Gb
- **Display:**
  - It is recommended to set the screen resolution to 1280 x 720 or greater.
- **Internet:**
  - Internet connection is required for some tasks like loading data from online databases.

UGENE takes care to use the capabilities of your system: the more RAM and cores you have, the more quickly you'll get results of your calculations.

Also, if you have an OpenCL-capable video card, you can use GPU-optimized versions of the following tools:

- Smith-Waterman Search
- UGENE Genome Aligner