

System Requirements

The system requirements for UGENE are these:

- *Operating system (32 or 64 bit):*
 - Windows XP, Windows Vista, Windows 7, Windows 8
Using a zip package it is possible to use UGENE without administrative rights on Windows
 - Mac OS X 10.5 or later
For older Mac OS X versions (PowerPC, 10.4) UGENE version 1.10.3 is available.
 - Linux
 - Ubuntu 12.04 or later
 - Fedora 19 or later
 - If you have another Linux system, you may use a universal binary package
- *RAM:*
 - 512 Mb RAM required
 - 2 Gb RAM recommended
- *Disk space:*

Minimum required disk space depends on the [UGENE package](#)

 - Standard package: 200-300 Mb
 - Full package: 500-900 Mb
 - NGS package: 21-24 Gb
- *Display:*
 - It is recommended to set the screen resolution to a value greater than 1280x720.
- *Internet:*
 - Internet connection is required for some tasks like loading data from online databases.



UGENE takes care to use 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](#)