

For ECM/P-1/P+1:

GMP-ECM (for any CPU that supports GMP)

The ECMNET page: <http://www.loria.fr/~zimmerma/records/ecmnet.html>

For ECM/SIQS

Java ECM (java applet) <http://www.alpertron.com.ar/ECM.HTM>

For ECM/P-1/Pollard Rho:

AltiVec MP (PPC with AltiVec only) <http://developer.apple.com/samplecod...ion/index.html>

For ECM/QS:

PARI (for any CPU that supports GMP) <http://pari.math.u-bordeaux.fr//>

KASH/KANT <http://www.math.tu-berlin.de/~kant/>

For ECM/Rho/P-1/QS

factor <http://www.asahi-net.or.jp/~KC2H-MSM/cn>

factor.exe <ftp://ftp.computing.dcu.ie/pub/crypto/factor.exe>

cryptool <http://www.cryptool.com/>

For QS:

LiDIA (for any CPU that supports GMP) [www.informatik.tu-darmstadt.de/TI/LiDIA/](http://www.informatik.tu-darmstadt.de/TI/LiDIA/)

PPMPQS (x86 only) <http://www.asahi-net.or.jp/~KC2H-MSM/cn/>

PPSIQS (x86 only) <http://www.asahi-net.or.jp/~KC2H-MSM/cn/>

MSIEVE <http://www.boo.net/~jasonp/qs.html>

QSIEVE <http://www.thorstenreinecke.de/qsieve/>

MPQS <http://gforge.inria.fr/projects/mpqs>

For SNFS:

NFSX for UBasic <ftp://rkmath.rikkyo.ac.jp/pub/ubtest/>

Since that link isn't working i put a version at <http://www.angelfire.com/falcon2/homeprimes/NFSX.zip>

SNFS 1.01 [http://homepage2.nifty.com/m\\_kamada/math/snfs\\_101.lzh](http://homepage2.nifty.com/m_kamada/math/snfs_101.lzh)

For GNFS/SNFS

MSIEVE <http://www.boo.net/~jasonp/qs.html>

GGNFS <http://sourceforge.net/projects/ggnfs>

Factor by GNFS <https://sourceforge.net/projects/factor-by-gnfs/>

pgnfs <http://pgnfs.org/index.php?page=Home>