OpenPFGW

Canonical name	OpenPFGW
Date of creation	2013-03-22 16:36:59
Last modified on	2013-03-22 16:36:59
Owner	PrimeFan (13766)
Last modified by	PrimeFan (13766)
Numerical id	7
Author	PrimeFan (13766)
Entry type	Topic
Classification	msc 68-04
Synonym	PrimeForm

OpenPFGW, formerly called *PrimeForm*, is an open source primality testing program on the Intel platform that has found many of the large primes listed in the Prime Pages. It uses sieve methods, pseudorandom permutation (PRP) as well as methods for specific kinds of primes, as programmed by George Woltman for GIMPS. As of 2006, the largest prime it has found is $19 \times 2^{2206266} + 1$.

According to the Prime Pages, the official website is `http://tech.groups.yahoo.com/group/pr` Yahoo! Group.