

G16W System Requirements

Gaussian 16W is a complete implementation of Gaussian 16 for the Windows environment.

64-bit Version

Single computer licenses are available. Site-wide licenses include the 64-bit versions and the serial and multiprocessor 32-bit versions.

The 64-bit version of G16W is not limited in the number of processors (or cores) that can be accessed for shared memory parallel calculations, nor in the amount of memory and disk space it can use.

Recommended Minimum System Requirements

Processor: AMD64 or Intel64 (EM64T) system running supported 64-bit Windows version.

Operating System: 64-bit Microsoft Windows 7 Home, Premium, Professional, Ultimate, Windows 8, 8.1, Windows 10, Windows Server 2012 R2

Memory (RAM): >2 GB

Disk: 1.5 GB (G16W storage); and 2 GB or more (scratch space)

Other: DVD drive; Mouse

32-bit Version

Licenses for the 32-bit version of Gaussian 16W are available for single computers and as part of a site license (see above).

As is the case with all 32-bit Fortran applications, the 32-bit version of Gaussian 16W is limited to accessing at most 2 GB of RAM and 16 GB of disk regardless of how much memory is available on the system. The 32-bit multiprocessor version of G16W is limited to 4 processors (or cores). The 32-bit version of G16W will run on 64-bit computer systems, albeit with the disk and memory limitations inherent to 32-bit applications.

Recommended Minimum System Requirements

Processor: Intel Pentium 4, AMD Athlon, and later.

Operating System: Microsoft Windows XP, Windows 7, Windows 8, 8.1, Windows 10, Windows Server 2012 R2.

Memory (RAM): 1 GB

Disk: 1.7 GB (G16W storage); and 500 MB or more (scratch space)

Other: CD-ROM drive; Mouse