

Gaussian 16 Available Binary Versions for Rev. C.01

Important Notes for All Gaussian Versions (Binary and Source):

- Systems in shaded color are considered supercomputers by Gaussian, Inc, and accordingly are subject to commercial pricing (i.e. academic/US government discounts do not apply). See [price lists](#) for pricing.
- *Linda 9.2* is required for network parallel use of *Gaussian 16*. Earlier versions of *Linda* are incompatible.
- Upgrading from *Gaussian 16 Rev. A.03 w/Linda* or *Gaussian 16 Rev. B.01 w/Linda* to *Gaussian 16 Rev. C.01 w/Linda* requires an update to *Linda 9.2*.
- The Linux RedHat and SuSE versions specified for x86_64, IA32, and IBM Power systems refer only to the *unmodified, unpatched* original media/ISO image distributions as released by the vendor.
- Platforms marked with † include GPU support for NVIDIA K40, K80, P100, and V100 boards with 12 GB of memory or higher. A version of NVIDIA drivers compatible with CUDA 8.0 or higher may be required to run on GPUs (NVIDIA drivers can be found at www.nvidia.com/download/index.aspx).

Vendor	CPU	Shared Memory Parallel	Linda Parallel	OS Version(s)	Required Libraries
AMD/Intel	X86_64 ("Legacy" – pre-SSE4.2)	Y	Y	openSUSE Linux 10.3, 11.4, 12.3, 13.2, Leap 42.3, 15.0; SUSE Linux Enterprise Server 11 SP4, 12 SP4, 15; Red Hat Enterprise Linux 5.11, 6.10, 7.6	
AMD/Intel	X86_64 (SSE4.2-enabled)	Y	Y	openSUSE Linux 11.4, 12.3, 13.2, Leap 42.3, 15.0; SUSE Linux Enterprise Server 11 SP4, 12 SP4, 15; Red Hat Enterprise Linux 5.11, 6.10, 7.6	
AMD/Intel	X86_64 (AVX-enabled) †	Y	Y	openSUSE Linux 13.2, Leap 42.3, 15.0; SUSE Linux Enterprise Server 11 SP4, 12 SP4, 15; Red Hat Enterprise Linux 5.11, 6.10, 7.6	
AMD/Intel	X86_64 (AVX2-enabled) †	Y	Y	openSUSE Linux 13.2, Leap 42.3, 15.0; SUSE Linux Enterprise Server 11 SP4, 12 SP4, 15; Red Hat Enterprise Linux 5.11, 6.10, 7.6	
AMD Athlon and Intel IA32-based systems	IA32 (Pentium IV and higher); AMD Athlon	Y	Y	SuSE Linux 10.3, 11.4; Red Hat Enterprise Linux 5.6, 6.1	
Apple	EM64T (64-bit Intel Mac)	Y	Y	OS X 10.6.8, 10.7.5, 10.8.5, 10.9.5, 10.10.5, 10.11.6, 10.12.6, 10.13.6, 10.14.5	
Fujitsu	SPARC64 IXfx	Y	N	Linux Expand OS XTC OS 1	Fujitsu Technical Computing Suite V1.0
Fujitsu	SPARC64 XIfx	Y	N	Linux Expand OS XTC OS 1	Fujitsu Technical Computing Suite V2.0
IBM	Power 5 (64-bit)	Y	Y	AIX 5.3	
IBM	Power 7 (64-bit)	Y	Y	AIX 6.1, 7.1	xlsmp.rte 3.1.0.3
IBM	Power 7 (64-bit)	Y	Y	SuSE Enterprise Linux 11 SP2; Red Hat Enterprise Linux 6.3 (big endian)	xlsmp.rte 4.1.0.2
IBM	Power 8 (64-bit)	Y	Y	AIX 7.2	xlsmp 4.1.3.0
IBM	Power 8 (64-bit)	Y	Y	RedHat Enterprise Linux 7.3 (big endian)	xlsmp 4.1.0.2
IBM	Power 8 (64-bit)	Y	Y	RedHat Enterprise Linux 7.3 (little endian)	xlsmp 4.1.3.0
IBM	Power 9 (64-bit)	Y	Y	RedHat Enterprise Linux 7.6 (little endian)	xlsmp 5.1.1.0
NEC	SX-ACE	Y	N	Contact help@gaussian.com for details	