

Gaussian 09 Available Binary Versions for Rev. D.01

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

- Systems shaded in light green are considered supercomputers by Gaussian, Inc. and accordingly are subject to commercial pricing (i.e. academic/US government discounts do not apply). See [USA](#) or [non-USA](#) price lists for pricing.
- An upgraded version of **Linda** is required when upgrading from *Gaussian 03* to *Gaussian 09*.
- The Linux RedHat and SuSE versions specified for AMD64, EM64T, IA32, IA64, and IBM Power systems refer only to the *unmodified, unpatched* original media/ISO image distributions as released by the vendor.
- PowerPC-based Macintosh computers require *Gaussian 09M*. G09M binaries are *not* supported on Intel Macs (i.e., running under Rosetta).

Vendor	CPU	Shared Memory Parallel	Linda Parallel	OS Version(s)	Required Libraries
AMD	AMD64 (Legacy)	Y	Y	openSUSE Linux 10.3, 11.4, 12.2; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.8, 6.3	
AMD	AMD64 (SSE4a-enabled)	Y	Y	openSUSE Linux 11.4, 12.3; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.9, 6.4	
Apple	IA32 (32-bit Intel Mac)	Y	Y	OS X 10.6.8	
Apple	EM64T (64-bit Intel Mac)	Y	Y	OS X 10.6.8, 10.7.5, 10.8.3	
Fujitsu	SPARC64 VIIIfx/SPARC64 IXfx	Y	N	Linux Expand OS XTC OS Release 1.3.6	
IBM	eServer pSeries (RS/6000), Power 7	Y	Y	AIX 6.1, 7.1	xlsmprte 3.1.0.3
IBM	eServer pSeries (RS/6000), Power 7	Y	Y	SUSE Enterprise Linux 11 SP2; Red Hat Enterprise Linux 6.3	xlsmprte 2.1.0.7
IBM	eServer pSeries (RS/6000), Power 6	Y	Y	AIX 5.3	xlsmprte 2.1
IBM	eServer pSeries (RS/6000), Power 5 (64-bit)	Y	Y	AIX 5.3	xlsmprte 1.6
IBM	eServer pSeries (RS/6000), Power 5 (64-bit)	Y	Y	SuSE Linux Enterprise 10	xlsmprte 1.6.1
Intel IA32 & AMD Athlon-based systems	IA32 (Pentium III and higher); AMD Athlon	Y	Y	SUSE Linux 9.3, 10.3, 11.4; Red Hat Enterprise Linux 5.6, 6.1	
Intel	EM64T (Legacy)	Y	Y	openSUSE Linux 10.3, 11.4, 12.2; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.8, 6.3	
Intel	EM64T (Nehalem and later)	Y	Y	openSUSE Linux 11.4, 12.2; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 6.4	
Intel IA64-based systems	Intel Itanium2 (IA64)	Y	Y	SuSE Linux Enterprise 9, 10; Red Hat Enterprise Linux 5.2	
NEC	SX-8	Y	N	Contact Customer Service for details	
NEC	SX-9	Y	N	Contact Customer Service for details	
Sun	UltraSPARC	Y	N	Solaris 10	Contact Customer Service for details
Sun	AMD64	Y	Y	Solaris 10	Contact Customer Service for details
Sun	Intel EM64T	Y	Y	Solaris 10	Contact Customer Service for details

Gaussian 09 Available Source Code Versions for Rev. D.01

Additional Notes for Source Code Version (see also notes above):

- In order to build on Intel-based Macintosh computers, the source code and tools must be installed on an HFS+ *case-sensitive* file system (or a UFS file system for systems where that is supported).
- Fujitsu SPARC64 builds the utilities `gau-machine`, `gau-cpp` and `gau-fsplit` using the C compiler on the `x86_64` front-end.
- Sun Solaris (UltraSPARC, AMD64 and Intel EM64T), NEC SX(8,9), and Fujitsu SPARC64 users must contact [Technical Support](#) for a makefile.

Vendor	CPU	Shared Memory Parallel	Linda Parallel	OS Version(s)	Fortran	C	Libraries
AMD	AMD64 (Legacy)	Y	Y	openSUSE Linux 10.3, 11.4, 12.2; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.8, 6.3	Portland Group F77 12.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
AMD	AMD64 (SSE4a-enabled)	Y	Y	openSUSE Linux 11.4, 12.3; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.9, 6.4	Portland Group F77 12.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
Apple	IA32 (32-bit Intel Mac)	Y	Y	OS X 10.6.8	Portland Group F77 12.10 www.pgroup.com	XCode 3.2.2	Atlas (included on G09 CD)
Apple	EM64T (64-bit Intel Mac)	Y	Y	OS X 10.6.8, 10.7.5, 10.8.3	Portland Group F77 12.10 www.pgroup.com	XCode 3.2.2, 4.6.2	Atlas (included on G09 CD)
Fujitsu	SPARC64 VIIIfx/SPARC64 IXfx	Y	N	Linux Expand OS XTC OS Release 1.3.6	Fujitsu Fortran Driver Version 1.2.1	Fujitsu Technical Computing Suite on front end (see note at top)	
IBM	eServer pSeries (RS/6000), Power 7	Y	Y	AIX 6.1, 7.1	XLF 13.1.0.12	XLC 11.1.0.12	xlsmp 3.1.0.3; Atlas (included on G09 CD)
IBM	eServer pSeries (RS/6000), Power 7	Y	Y	SUSE Enterprise Linux 11 SP2; Red Hat Enterprise Linux 6.3	XLF 13.1.0.7	XLC 11.1.0.7	xlsmp 2.1.0.7; Atlas (included on G09 CD)
IBM	eServer pSeries (RS/6000), Power 6	Y	Y	AIX 5.3	XLF 13.1.0.0	XLC 11.1.0.0	xlsmp 2.1.0.0; Atlas (included on G09 CD)
IBM	eServer pSeries (RS/6000), Power 5	Y	Y	AIX 5.3	XLF 10.1.0.0	XLC 8.0.0.0	xlsmp 1.6.0.0; Atlas (included on G09 CD)
IBM	eServer pSeries (RS/6000), Power 5	Y	Y	SUSE Linux Enterprise 10	XLF 10.1.1.0	XLC 8.0.1.0	xlsmp 1.6.1.0; Atlas (included on G09 CD)
Intel IA32 & AMD Athlon-based systems	IA32 (Pentium III and higher); AMD Athlon	Y	Y	SUSE Linux 9.3, 10.3, 11.4; Red Hat Enterprise Linux 5.6, 6.1	Portland Group F77 12.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
Intel	EM64T (Legacy)	Y	Y	openSUSE Linux 10.3, 11.4, 12.2; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 5.8, 6.3	Portland Group F77 12.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
Intel	EM64T (Nehalem and later)	Y	Y	openSUSE Linux 11.4, 12.3; SUSE Linux Enterprise 11 SP2; Red Hat Enterprise Linux 6.4	Portland Group F77 12.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
Intel	Intel Itanium2 (IA64-based systems)	Y	Y	Suse Linux Enterprise 9, 10; Red Hat Enterprise Linux 5.2	Intel Version 11.1 Update 6 (11.1.072, Build 20100401; l_fc_p_11.1.072)	Intel Version 11.1 Update 6 (11.1.072, Build 20100401; l_cc_p_11.1.072)	Intel MKL 10.2 Update 5 (10.2.5.035)
NEC	SX-8	Y	N	Contact Technical Support for details			
NEC	SX-9	Y	N	Contact Technical Support for details			
Sun	UltraSPARC	Y	N	Solaris 10	Contact Technical Support for details		
Sun	AMD64	Y	Y	Solaris 10	Contact Technical Support for details		
Sun	Intel EM64T	Y	Y	Solaris 10	Contact Technical Support for details		