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Gaussian 09 Available Binary Versions for Rev. E.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 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 x86_64, IA32, IA64, and IBM Power systems refer only to the *unmodified*, *unpatched* original media/ISO image distributions as released by the vendor.

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; SUSE Linux Enterprise Server 11 (SP2, SP3, SP4); Red Hat Enterprise Linux 5.11, 6.7, 7.2	
AMD/Intel	X86_64 (SSE4.2-enabled)	Y	Y	openSUSE Linux 11.4, 12.3, 13.2; SuSE Linux Enterprise Server 11 (SP2, SP3, SP4), 12; Red Hat Enterprise Linux 5.11, 6.7, 7.2	
AMD/Intel	X86_64 (AVX-enabled)	Y	Y	openSUSE Linux 11.4, 12.3, 13.2; SuSE Linux Enterprise Server 11 SP4; Red Hat Enterprise Linux 6.7, 7.2	
AMD Athlon and Intel IA32-based systems	IA32 (Pentium IV and higher); AMD Athlon	Y	Y	SuSE Linux 9.3, 10.3, 11.4; Red Hat Enterprise Linux 5.6, 6.1	
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, 10.8.5, 10.9.5, 10.10.5, 10.11.2	
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 6 (64-bit)	Y	Y	AIX 5.3	xlsmp.rte 2.1
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	N	AIX 7.1	Contact help@gaussian.com for details
IBM	Power 8 (64-bit)	Y	N	RedHat Enterprise Linux 7.1 (big endian)	Contact help@gaussian.com for details
Intel IA64-based systems	Intel Itanium2 (IA64)	Y	Y	SuSE Linux Enterprise 9, 10; Red Hat Enterprise Linux 5.2	
NEC	SX-ACE	Y	N	Contact help@gaussian.com for details	
NEC	SX-8	Y	N	Contact help@gaussian.com for details	
NEC	SX-9	Y	N	Contact help@gaussian.com for details	
Sun	UltraSPARC	Y	N	Solaris 10	Contact help@gaussian.com for details
Sun	AMD64	Y	Y	Solaris 10	Contact help@gaussian.com for details
Sun	Intel EM64T	Y	Y	Solaris 10	Contact help@gaussian.com for details

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Gaussian 09 Available Source Code Versions for Rev. E.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).

Vendor	**CPU**	**Shared Memory Parallel**	**Linda Parallel**	**OS Version(s)**	**Fortran**	**C**	**Libraries**
AMD/Intel	X86_64 (“Legacy” – pre-SSE4.2)	Y	Y	openSUSE Linux 10.3, 11.4, 12.3, 13.2; SUSE Linux Enterprise Server 11 (SP2, SP3, SP4); Red Hat Enterprise Linux 5.11, 6.7, 7.2	Portand Group F77 15.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
AMD/Intel	X86_64 (SSE4.2-enabled)	Y	Y	openSUSE Linux 11.4, 12.3, 13.2; SuSE Linux Enterprise Server 11 (SP2, SP3, SP4), 12; Red Hat Enterprise Linux 5.11, 6.7, 7.2	Portand Group F77 15.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
AMD/Intel	X86_64 (AVX-enabled)	Y	Y	openSUSE Linux 11.4, 12.3, 13.2; SuSE Linux Enterprise Server 11 SP4; Red Hat Enterprise Linux 6.7, 7.2	Portand Group F77 15.10 www.pgroup.com	gcc included with Linux	Atlas (included on G09 CD)
AMD Athlon & Intel IA32-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	Portand Group F77 15.10 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	Portand Group F77 15.10 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, 10.8.5, 10.9.5, 10.10.5, 10.11.2	Portand Group F77 15.10 www.pgroup.com	XCode corresponding to OS X version	Atlas (included on G09 CD)
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 6 (64-bit)	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	Power 7 (64-bit)	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	Power 7 (64-bit)	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	Power 8 (64-bit)	Y	N	AIX 7.1	Contact help@gaussian.com for details		
IBM	Power 8 (64-bit)	Y	N	RedHat Enterprise Linux 7.1 (big endian)	Contact help@gaussian.com for details		
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-ACE	Y	N	Contact help@gaussian.com for details			
NEC	SX-8	Y	N	Contact help@gaussian.com for details			
NEC	SX-9	Y	N	Contact help@gaussian.com for details			
Sun	UltraSPARC	Y	N	Solaris 10	Contact help@gaussian.com for details		
Sun	AMD64	Y	Y	Solaris 10	Contact help@gaussian.com for details		
Sun	Intel EM64T	Y	Y	Solaris 10	Contact help@gaussian.com for details		