



BarraCUDA		Alignment of short sequencing reads		T 2075, 2090, K10, K20, K20X		Available now Version 0.6.2
CUDASW++		Parallel search of Smith-Waterman database		T 2075, 2090, K10, K20, K20X		Available now Version 2.0.8
CUSHAW		Parallel, accurate long read aligner - gapped alignments to large genomes		T 2075, 2090, K10, K20, K20X		Available now Version 1.0.40
GPU-BLAST		Protein alignment according to blastp, multi cpu threads		T 2075, 2090, K10, K20, K20X		Available now Version 2.2.26
GPU-HMMER		Parallel local and global search of Hidden Markov Models		T 2075, 2090, K10, K20, K20X		Available now Version 2.3.2
mCUDA-MEME		Scalable motif discovery algorithm based on MEME		T 2075, 2090, K10, K20, K20X		Available now Version 3.0.12
SeqNFind		Reference assembly, blast, smith-waterman, hmm, de novo assembly		T 2075, 2090, K10, K20, K20X		Available now
UGENE		Fast short read alignment		T 2075, 2090, K10, K20, K20X		Available now Version 1.11
WideLM		Parallel linear regression on multiple similarly-shaped models		T 2075, 2090, K10, K20, K20X		Available now Version 0.1-1

Molecular Dynamics

Abalone		Simulations (on 1060 GPU)		T 2075, 2090, K10, K20, K20X		Available now Version 1.8.48
ACEMD		Written for use on GPUs		T 2075, 2090, K10, K20, K20X		Available now
AMBER		PMEMD: explicit and implicit solvent		T 2075, 2090, K10, K20, K20X		Available now Version 12 + bugfix9
DL-POLY		Two-body forces, Link-cell pairs, Ewald SPME forces, Shake VV		T 2075, 2090, K10, K20, K20X		Available now, Version4.0 Source only
CHARMM		Implicit (5x), Explicit (2x) Solvent via OpenMM		T 2075, 2090, K10, K20, K20X		In Development Q4/12
GROMACS		Implicit (5x), Explicit(2x) solvent		T 2075, 2090, K10, K20, K20X		Available now Version 4.6 in Q4/12
HOOMD-Blue		Written for GPUs		T 2075, 2090, K10, K20, K20X		Available now
LAMMPS		Lennard-Jones, Morse, Buckingham, CHARMM, Tabulated, Course grain SDK, Anisotropic Gay-Bern, RE-squared, "Hybrid" combinations		T 2075, 2090, K10, K20, K20X		Available now
NAMD		100M atom capable		T 2075, 2090, K10, K20, K20X		Available now, Version 2.9
OpenMM		Implicit and explicit solvent, custom forces		T 2075, 2090, K10, K20, K20X		Available now Version 4.1.1

Abinit		Local Hamiltonian, non-local Hamiltonian, LOBPCG algorithm, diagonalization / orthogonalization		T 2075, 2090, K10, K20, K20X		Available now Since version 6.12
ACES III		Integrating scheduling GPU into SIAL programming language and SIP runtime environment		T 2075, 2090, K10, K20, K20X		In development
ADF		Fock Matrix, Hessians		T 2075, 2090, K10, K20, K20X		In development
BigDFT		DFT; Daubechies wavelets, part of Abinit		T 2075, 2090, K10, K20, K20X		Available now Version 1.6.x
CASINO		TBD		T 2075, 2090, K10, K20, K20X		In development, expected Q4/12
CP2K		DBCSR (space matrix multiply library)		T 2075, 2090, K10, K20, K20X		In development
GAMESS-UK		(ss ss) type integrals within calculations using Hartree Fock ab initio methods and density functional theory. Supports organics and inorganics.		T 2075, 2090, K10, K20, K20X		In development, expected Q4/12
GAMESS-US		Libqc with Rys Quadrature Algorithm, integral evaluation, closed shell Fock matrix construction, Hartree Fock, MP2		T 2075, 2090, K10, K20, K20X		Available now
Gaussian		TBD		T 2075, 2090, K10, K20, K20X		In development
GPAW		Electrostatic poisson equation, orthonormalizing of vectors, residual minimization method (rmm-diis)		T 2075, 2090, K10, K20, K20X		Available now
MOLCAS		CU_BLAS		T 2075, 2090, K10, K20, K20X		In development
MOLPRO		Density-fitted MP2 (DF-MP2), density fitted local correlation methods (DF-RHF, DF-KS), DFT		T 2075, 2090, K10, K20, K20X		In development
MOPAC2009		Pseudodiagonalization, full diagonalization, and density matrix assembling		T 2075, 2090, K10, K20, K20X		In development
NWChem		Triples part of Reg-CCSD(T), CCSD and EOMCCSD task schedulers		T 2075, 2090, K10, K20, K20X		In development, expected Q4/12
Q-CHEM		Various features including R1-MP2		T 2075, 2090, K10, K20, K20X		Available Version 4.0
TeraChem		Full GPU-based solution . Performance compared to GAMESS CPU version.		T 2075, 2090, K10, K20, K20X		Available now Version 1.5

LSMS		Generalized Wang-Landau method		T 2075, 2090, K20, K20X		Available now in WL-LSMS3
PEtot		Density functional theory (DFT) plane wave pseudopotential calculations		T 2075, 2090, K20, K20X		Available now
QMCPACK		Main features		T 2075, 2090, K20, K20X		Available now
Quantum Espresso/PWscf		PWscf package: linear algebra (matix multiply), explicit computational kernels, 3D FFTs		T 2075, 2090, K20, K20X		Available now Version 5.0
VASP		Hybrid Hartree-Fock DFT functionals including exact exchange		T 2075, 2090, K20, K20X		Available on request

Visualization and Docking Software

Amira 5		3D visualization of volumetric data and surfaces		Q6000		Available now Version 5.5
Core Hopping		GPU accelerated application		T 2075, 2090, K10, K20, K20X		Available now
FastROCS		Real-time shape similarity searching / comparison		T 2075, 2090, K10, K20, K20X		Available now
PyMol		Lines: 460% increase Cartoons: 1246% increase Surface: 1746% increase Spheres: 753% increase Ribbon: 426% increase		Q6000		Available now Version 1.5
Molegro Virtual Docker 5		Energy grid computation, pose evaluation and guided differential evolution		T 2075, 2090, K10, K20, K20X		Available now
VMD		GPU acceleration for computationally demanding analysis and visualization tasks		Q6000		Available now Version 1.9.x

NUMERICAL ANALYTICS

Jacket for MATLAB (by AccelerEyes)		Support for several hundred of the most commonly used MATLAB functions		Q2000 + C2075 Q2000 + T K20		Available now Version 2011 or later
Mathematica Wolfram		Development environment for CUDA and OpenCL		Q2000 + C2075 Q2000 + T K20		Available now
MATLAB by Mathworks		Support for 200+ of most used MATLAB functions (incl. Signal Processing Toolbox, Communications Systems,etc)		Q2000 + C2075 Q2000 + T K20		Available now Jacket 2.3 or later

APPLICATION	DESCRIPTION	SUPPORTED FEATURES	EXPECTED SPEED UP*	RECOMMENDED GPU **	MULTI-GPU SUPPORT	RELEASE STATUS
Chroma		Wilson-clover fermions, Krylov solvers, Domain-decomposition		T 2090, K20, K20X		Available now
GTC		Electron push and shift (accounting for >80% of run time)		T 2090, K20, K20X		Available now
MILC		Staggered fermions, Krylov solvers, Gauge-link fattening		T 2090, K20, K20X		Available now
QUDA		CUDA supports the following fermion formulations: Wilson, Wilson-clover, Twisted mass, Improved staggered (asqtad or HISQ) and Domain wall		T 2090, K20, K20X		Available now

WEATHER AND CLIMATE FORECASTING

APPLICATION	DESCRIPTION	SUPPORTED FEATURES	EXPECTED SPEED UP*	RECOMMENDED GPU **	MULTI-GPU SUPPORT	RELEASE STATUS
ASUCA		Entire model		T 2075, 2090		In development
CAM - SE		Entire model		T 2075, 2090, K10, K20		In development
COSMO		Entire model		T 2075, 2090, K10, K20		In development
GEOS-5		Entire model		T 2075, 2090		In development
HOMME		Dynamical core		T 2075, 2090, K10, K20		In development
HYCOM		Dynamical core		T 2075, 2090		In development
MITgcm		Dynamical core		T 2075, 2090		In development
NIM		Dynamical core		T 2075, 2090, K10		In development
WRF		WSM5, WSM3, Ice Microphysics models		T 2075, 2090		Available now Version 3.2
NEMO		Entire model (GYRE config)		T 2075, 2090, K10		In development

GPU Test Drive: a free and easy way to experience the acceleration of applications with GPUs on a remotely-hosted cluster loaded with popular applications such as AMBER, NAMD, GROMACS and others. You can also load your own applications and see how GPUs can significantly reduce simulation time. Take this easy test drive and experience the GPU acceleration.

www.NVIDIA.com/GPUTestDrive

DigitalGlobe Advanced Ortho Series		Image orthorectification		Quadro T 2075, 2090, K10		Available now
Eternix Blaze Terra		3D visualization of geospatial data		Quadro		Available now
Exelis (ITT) ENVI		Image orthorectification (custom builds only)		T 2075, 2090		Available now
MrGeo		Terrain analytics		Quadro T 2075, 2090, K10		Available now
GeoWeb3d Desktop		3D visualization of geospatial data		Quadro		Available now
Incogna GIS		Image processing on Tesla cloud servers Object recognition		T 2075, 2090		Available now
Intergraph Motion Video Analyst		Full motion video ortho mosaic processing		QFx3800 and newer		Available now
Intuvision Panoptes 3.0		Object recognition and change detection		Quadro		Available now
LuciadLightspeed		Geospatial Situational Awareness		Quadro T 2075, 2090		Available now
MotionDSP Ikena ISR		Real-time super-resolution- based video enhancement, filtering, mosaicing, video analytics, and transcoding		Q6000, C2075		Available now
Nervve ViD SrX		Object recognition and tracking		T 2090, K10		Available now
NerVve Visual Search Solution (NVSS)		Video and Image content search		T 2090, K10		Available now
OpCoast SNEAK		Ray tracing, DTED and remote sensing inputs		T 2075, 2090		Available now
PCI Geomatics GXL		Image orthorectification and additional image processing		Quadro T 2075, 2090		Available now

Aeon Benfield Pathwise™	Real-time pricing and risk analytics for all asset classes	Spreadsheet-like modeling interfaces, Python-based scripting environment and Grid middleware	Available now	T 2075, 2090	Available now
Hanweck Associates	Real-time pricing and risk analytics for all asset classes	Real-time options analytics engine	Available now	T 2075, 2090	Available now
Murex MACS Analytics Library	Real-time pricing and risk analytics for all asset classes	Market standard models for all asset classes paired with the most efficient resolution methods (Monte Carlo simulations and Partial Differential Equations)	Available now	T 2075, 2090	Available now
Numerical Algorithms Group (NAG)	Real-time pricing and risk analytics for all asset classes	Monte Carlo and PDE solvers	Available now	T 2075, 2090	Available now
RMS	Real-time pricing and risk analytics for all asset classes	Risk analytics	Available now	T 2075, 2090	In development
Tanay ZX Lib (Fuzzy Logic)	Real-time pricing and risk analytics for all asset classes	Monte Carlo simulations, pricing of vanilla and exotic options, fixed income analytics, data mining	Available now	T 2075, 2090	Available now
SciComp, Inc	Real-time pricing and risk analytics for all asset classes	Monte Carlo and PDE pricing models	Available now	T 2075, 2090	Available now
Xcelerit SDK and Xcelerit Quant	Real-time pricing and risk analytics for all asset classes	Monte Carlo simulations, linear algebra, n-body simulations, spectral methods	Available now	T 2075, 2090	Available now

AutoCAD 2013	2D/3D display of designs, interactive 3D presentation with realistic materials, rendering-ray tracing	Surface, mesh, and solid modeling tools, model documentation tools, parametric drawing capabilities. Native DWG™ support.		Q 600		Available now Version 2013
AutoCAD Design Suite	2D/3D display of designs, interactive 3D presentation with realistic materials, rendering-ray tracing	2D/3D display of designs, interactive 3D presentation with realistic materials, rendering-ray tracing		Q2000		Available now Version 2013
CATIA V6-Live Rendering	Interactive. Fully integrated in CATIA V6. Network rendering	Interactive. Fully integrated in CATIA V6. Network rendering		QK5000, Q6000, C2075		Available now
Bunkspeed Pro Suite 2012	Iray-based ray-tracing. Animation support. Network rendering	Iray-based ray-tracing. Animation support. Network rendering		QK5000, Q6000, C2075		Available now
RTT DeltaGen 11.x	Interactive ray tracing and global illumination. Integration with Siemens TeamCenter. Cluster support	Interactive ray tracing and global illumination. Integration with Siemens TeamCenter. Cluster support		Q6000, C2075		Available now
RTT DeltaPix	Iray based ray-tracing. Support for JT and csb formats	Iray based ray-tracing. Support for JT and csb formats		QK5000, Q6000, C2075		Available now Version 1.1
PTC Creo Parametric v2.0	Anti-aliasing, better lighting and enhanced shaded-with-edges mode	Anti-aliasing, better lighting and enhanced shaded-with-edges mode		Q2000 - Q6000		Available now
Siemens NX 8.5	Design software, NX, and PLM Viewer application, TC Vis.	Design software, NX, and PLM Viewer application, TC Vis.		Q2000 - Q6000		Available now

COMPUTATIONAL FLUID DYNAMICS

Altair AcuSolve	Linear equation solver			Q6000, C2075 T2090		Available now Release 1.8a
ANSYS Fluent	Radiation heat transfer model, AMG solver (beta)			Q6000, C2075 T 2090		Available now Release 14.5
Autodesk Moldflow	Linear equation solver			Q2000 - Q6000, C2075		Available now Release 2013
FEFLO (GMU-Lohner)	Implicit and explicit solver			C2075, T 2090		In development
FluiDyna Culises for OpenFOAM	Linear equation solvers			C2075, T 2090		Available now Version1.2
FluiDyna LBultra	Lattice-Boltzmann solver			C2075, T 2090		Available now Version 2.0
Prometech Particleworks	Particle CFD using MPS			C2075, T 2090		Available now Version 3.0
SD++ (SU-Jameson)	Explicit compressible solver			C2075, T 2090		In development
S3D(Sandia and Oak Ridge NL)	Chemistry kernel			C2075, T 2090		In development
Vratis ARAEL	Linear equation solvers			C2075, T 2090		Available now Version 1.0
Turbostream Ltd.	Explicit compressible solver			C2075, T 2090		Available now Version 2.0
Vratis SpeedIT extreme for OpenFOAM	Linear equation solvers			C2075, T 2090		Available now Version 1.2

Abaqus/Standard		Direct sparse solver		Q6000 T 2075, 2090		Available now Version 6.12
ANSYS Mechanical		Direct and iterative solvers		Q6000, C2075 T 2090		Available now Release 14.0
Impetus Afea		Linear equation solver		Q6000 T 2075, 2090		Available now
LS-DYNA Implicit		Linear equation solver		Q6000 T 2075, 2090		Beta available for CentOS Linux
MSC Nastran		Direct sparse solver		Q6000 T 2075, 2090		Available now Version 2013 Alpha
Marc		Direct sparse solver		Q6000 T 2075, 2090		Available now Version 2012
RADIOSS Implicit		Direct and iterative solvers		Q6000, C2075 T 2090		Available now Version 12

ELECTRONIC DESIGN AUTOMATION

Agilent Technologies ADS		Signal integrity simulation		T 2075, 2090		Available now
Agilent Technologies EMPro		FDTD solver		T 2075, 2090		Available now
ANSYS Nexxim		AMI analysis		Q6000 T 2075, 2090		Available now
CST Microwave Studio (MWS)		Transient solver		T 2075, 2090		Available now
Delcross Savant		High-frequency solver		T 2075, 2090, K10		Available now
EMSS FEKO		MoM solver		T 2075, 2090		Available now, Multi-GPU in 2012
Remcom XFDTD		FDTD solver		Q4000 - Q6000 T 2075, 2090		Available now
SPEAG SEMCAD-X		FDTD solver		Q4000 - Q6000 T 2075, 2090		Available now
Rocketick RocketSim		Verilog simulation		T 2075, 2090		Available now

Autodesk 3ds Max + NVIDIA Iray		Iray interactive, photorealistic and physically correct rendering		Q2000 - Q6000		Available now
Autodesk Maya		Increased model complexity, larger scenes		Q4000-6000		Available now
Autodesk Motion Builder		Increased model complexity at interactive rates		Q4000		Available now
Autodesk Mudbox		Increased model complexity at interactive rates		Q2000		Available now
Cebas finalRender		CUDA-based GPU Rendering		T 2090		Available now
CentiLeo GPU Render		CUDA-based GPU rendering		Q2000		Available now
Chaos V-Ray RT		CUDA or OpenCL-based GPU Rendering		Q6000 and Maximus (QXXXX + C2075)		Available now
Jawset TurbulenceFD		Maximus supported GPU simulation using CUDA		Q6000 and Maximus (QXXXX + C2075)		Available now
Maxon Cinema 4D		Increased model complexity at interactive rates		Q2000		Available now
NewTek Lightwave		Increased model complexity at interactive rates		Q4000		Available now
Otoy Octane Render		GPU Rendering		Q6000		Available now
Pixologic Sculptiris		Increased model complexity at interactive rates		Q4000		Available now
Side Effects Houdini		Maximus supported GPU simulation using OpenCL		Maximus (QXXXX + C2075)		Available now
The Foundry Mari		Increased model complexity at interactive rates		Q2000		Available now

COLOR CORRECTION AND GRAIN MANAGEMENT

Adobe SpeedGrade CS6		Real-time manipulation of color and light in Lumetri Deep Color Engine. For SDI. supports only NVIDIA Quadro SDI Output		Q4000 - Q6000		Available now
Assimilate Scratch		Accelerated debayering for real-time digital finishing. Supports NVIDIA Quadro SDI Output		Q6000 SDI		Available now
Blackmagic DaVinci Resolve		Real-time de-noising		Maximus (QXXXX + C2075)		Available now
Cinnafilm Dark Energy		Image de-noising and restoration. Simultaneous active and background rendering		Maximus (QXXXX + C2075) or up to 8x Tesla GPUs		Available now
Digital Vision Nucoda		Real-time color correction		Q6000 SDI		Available now
Marquise TECH Rain		Real-time color correction and NVIDIA Quadro SDI Output		Q6000 SDI		Available now
QuantelPablo		Real-time color correction		Maximus (QXXXX + C2075)		Available now
SGO Mistika		Real-time color correction		Q6000		Available now
The Pixel Farm PFClean		CUDA-based acceleration		Q4000		Available now

ABSoft Neat Video		CUDA-based acceleration		Q2000		Available now
Adobe After Effects CS6		3D ray tracing engine based on NVIDIA OptiX and Global Performance Cache		Q4000 and Maximus (QXXXX + C2075)		Available now
Autodesk Flame Premium		Real-time effects		Q6000 SDI		Available now
Boris FX Continuum Complete		Faster effects		Q2000		Available now
Cinnafilm Dark Energy Plug-in		All features accelerated with CUDA		C2070		Available now
CoreMelt complete		Faster effects		Q2000		Available now
eyeon Fusion		Faster effects		Q4000 and Maximus (QXXXX + C2075)		Available now
GenArts Monsters GT		Faster effects		Q4000		Available now
GenArts Sapphire		Faster effects		Q4000		Available now
ROBUSKEY		Faster effects		Q2000		Available now
Neat Video Open FX		Faster effects		Q2000		Available now
NewBlueFX Video Essentials		Faster effects		Q2000		Available now
NewBlue Titler Pro		Faster effects		Q2000		Available now
Pixelan AnyFX		Faster effects		Q2000		Available now
Re:Vision Effects		Faster effects		Q4000 for Mac		Available now
Red Giant Effects Suite		Faster effects		Q2000		Available now
Red Giant Magic Bullet Looks		Faster effects		Q2000		Available now
The Foundry HIERO		Better interactivity		Q2000		Available now
The Foundry KRONOS		Faster effects		Q4000		Available now
The Foundry NUKEX		Faster effects		Q4000		Available now
Video Copilot Optical Flares		Faster effects		Q2000		Available now
Video Copilot Twitch		Faster effects		Q2000		Available now

Adobe Photoshop CS6		Over 20 effects for smoother image manipulation in Mercury Graphics Engine		Q600-Q2000		Available now
Adobe Premiere Pro CS6		Mercury Playback Engine for faster video effects and Mercury Transmit for Quadro SDI Output		Q2000 and Maximus (QXXXX + C2075)		Available now
Apple FinalCut		Faster effects		Q4000 for Mac		Available now
Autodesk Smoke		Faster effects		Q4000 for Mac		Available now
Avid Media Composer		Faster video effects, unique stereo 3D capabilities		Q4000		Available now
Grass Valley Edius		Faster effects		Q2000		Available now
Harris Velocity		Faster effects		Q2000		Available now
Quantel Qube		Faster video effects, unique stereo 3D capabilities		Q4000		Available now
Sony Vegas Pro		Faster video effects and encoding		Q600 - Q4000		Available now

ENCODING AND DIGITAL DISTRIBUTION

Cinnafilm Tachyon		Video encoding and video processing		T 2090		Available now
Digimetrics Aurora		Video encoding and video processing		C2075		Available now
Elemental Live		Video encoding and video processing		C2075		Available now
Elemental Server		Video encoding and video processing		C2075		Available now
MainConcept CUDA H.264/AVC Encoder SDK		Video encoding and video processing		Quadro and Tesla		Available now
Sorenson Squeeze		Video encoding and video processing		Q4000-Q6000 and Maximus (QXXXX + C2075)		Available now
Telestream Vantage		Video encoding and video processing		C2075		Available now

ON-AIR GRAPHICS

Avid Motion Graphics		Real-time rendering		Q4000		Available now
Brainstorm Estudio		Real-time rendering		Q5000 - Q6000		Available now
Chyron HyperX		Real-time rendering		Q4000		Available now
Chyron LEX		Real-time rendering		Q4000		Available now
Harris Inscriber		Real-time rendering		Q4000		Available now
Monarch dScript 3D		Real-time rendering		Q4000		Available now
Monarch Twister Pro		Real-time rendering		Q4000		Available now
Monarch Virtuoso		Real-time rendering		C2075		Available now
Perceptive Pixel Storyboard		Real-time rendering		Q6000		Available now
Pixel Power Clarity		Real-time rendering		Q4000		Available now
RT Software tOG		Real-time rendering		Q4000		Available now
Vizrt Viz Engine		Real-time rendering		Q6000 SDI		Available now
Wasp Beehive		Real-time rendering		Q4000		Available now

3ality Intellicam		CUDA-based imaging		Q6000 SDI		Available now
BlueFish 4K Review		Real-time		Q6000		Available now
Colorfront On-Set Dailies		Real-time		Q6000		Available now
eyeon Dimension		Real-time		Q4000		Available now
Lightcraft Previzion		Real-time		Q6000		Available now
The Foundry Ocula		Real-time		Q5000		Available now
Tweak RV		Real-time		Q6000		Available now

SIMULATION

3DAliens Glu3d		Faster simulation		Q5000		Available now
Blastcode Kilton/Megaton		Faster simulation		Q5000		Available now
Jawset TurbulenceFD		Faster simulation		Maximus (QXXXX + C2075)		Available now

WEATHER GRAPHICS

Accuweather Cinemative HD		Real-time		Q6000 SDI		Available now
Accuweather Storyteller		Real-time		Q600		Available now
Meteo Earth		Real-time		Q6000 SDI		Available now
Weather Central Fusion Studio		Real-time		Q5000		Available now
WSI TrueView Max		Real-time		Q4000 SDI		Available now

Acceleware AxRTM AxKTM	RTM, Kirchhoff, control source, electromagnetism, forward modeling	T K10	Available now
CGGV GeoVation	Multiple algorithms (RTM, etc)	T K10	Available now
ffa Geoteric	Attributes calculations, geobodies extraction	Q6000, QK5000, C2075	Available now
ffa SVI Pro	Attributes calculations, geobodies extraction	Q6000, QK5000, C2075	Available now
ffa SEA3D Pro	Attributes calculations, geobodies extraction	Q6000, QK5000, C2075	Available now
GeoStar Seismic Suite	Multiple algorithms (RTM, etc)	T K10	Available now
Headwave Suite	Attributes calculations	Q6000, QK5000, C2075	Available now
HUE HUEspace	Interpretation platform	Q6000, QK5000, C2075	Available now
OpenGeo Solutions OpenSeis	Spectral Decomposition	T K10	Available now
Panorama Tech	Multiple algorithms (RTM, etc)	T K10	Available now
Paradigm EarthStudy360	Attributes calculations	Q6000, QK5000, C2075	Available now
Paradigm Echos RTM	RTM algorithm	T K10	Available now
Paradigm SKUA	Faults, Horizons and Flow Simulation Grid	Q6000, QK5000, C2075	Available now
Paradigm VoxelGeo	Attributes calculations	Q6000, QK5000, C2075	Available now
Roxar RMS	Multi GPU capabilities via HUEspace	Q6000, QK5000, C2075	Available now
Seismic City Prestack Interpretation	Attributes calculations	T K10	Available now
Schlumberger Visage	GPU-enabled solver	Q6000, QK5000, C2075	Available now
SpectraSeis	Full elastic wave-equation imaging and analysis of microseismic fracture data	T K10	Available now
Stoneridge Technologies GAMPACK	GPU Algebraic MultiGrid Package	T K20X	Available now
Terraspark Insight Earth	Horizon orientation attributes; automated fault extraction.	Q6000, QK5000, C2075	In development Fall 2012
Tsunami RTM	RTM algorithm	T K10	Available now
WesterGeco Omega2 RTM	Multiple algorithms (RTM, etc)	T K10	Available now

For more information on GPU-accelerated applications please visit, www.NVIDIA.com/TeslaApps

* Expected speedups are highly dependent on system configuration. GPU performance compared against multi-core x86 CPU socket. GPU performance benchmarked on GPU supported features and may be a kernel to kernel performance comparison. For details on configuration used, view application website. Speedups as per NVIDIA in house testing or ISV's documentation.

** Q=Quadro GPU, T=Tesla GPU. NVIDIA recommended GPUs for this application. Please check with developer / ISV to obtain certification information.

© 2012 NVIDIA Corporation. All rights reserved. NVIDIA, the NVIDIA logo, and CUDA, are trademarks and/or registered trademarks of NVIDIA Corporation. All company and product names are trademarks or registered trademarks of the respective owners with which they are associated. Features, pricing, availability, and specifications are all subject to change without notice. OCT 12

