



# NVIDIA DEVELOPER PROGRAM



# AGENDA

NVIDIA Developer Program Benefits

Becoming an NVIDIA Developer

Developer Engagement Platforms

Navigating NVIDIA Developer Platforms

# NVIDIA DEVELOPER PROGRAM BENEFITS

- ▶ Product downloads and early access opportunities
- ▶ Information about new product releases and features
- ▶ Access to community and NVIDIA technical staff through forums
- ▶ Issue and bug submission
- ▶ Customer stories, technical blogs, and whitepapers
- ▶ Online technical documentation and code samples
- ▶ Self paced training and professional on-site workshops
- ▶ Invites to exclusive developer events



# GETTING STARTED

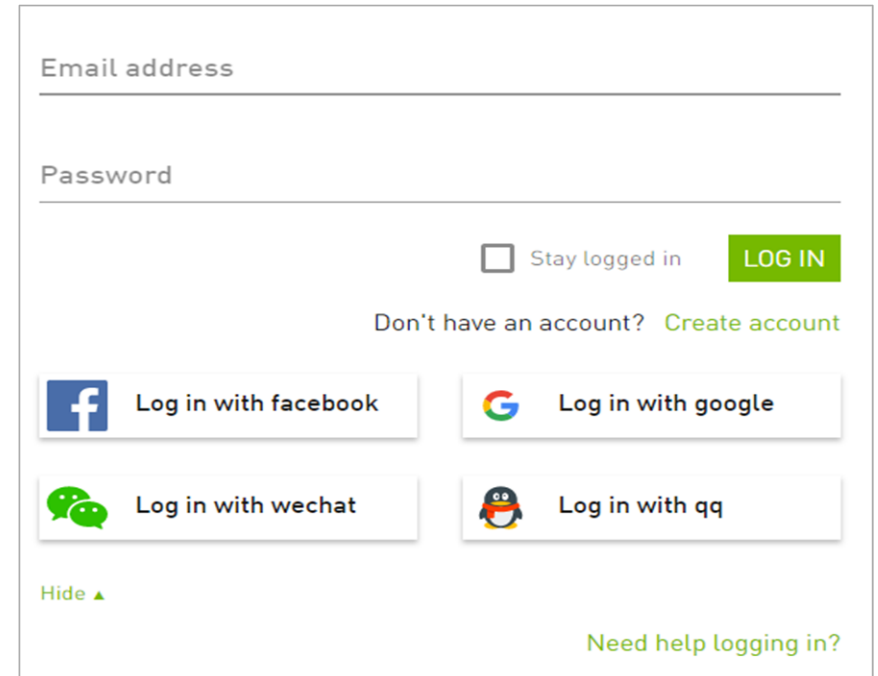
Go to [developer.nvidia.com/join](https://developer.nvidia.com/join) or click the “Join” and “Create account” links on NVIDIA developer web pages

NVIDIA account credentials provide you access to:

All NVIDIA Developer Platforms

NVIDIA GPU Cloud (NGC)

NVIDIA’s consumer programs including GeForce Now and GeForce Experience



The screenshot shows the NVIDIA developer login interface. It features two input fields for 'Email address' and 'Password'. To the right of the password field is a 'Stay logged in' checkbox and a green 'LOG IN' button. Below these is a link 'Don't have an account? Create account'. Further down are four social login buttons: 'Log in with facebook' (with Facebook icon), 'Log in with google' (with Google icon), 'Log in with wechat' (with WeChat icon), and 'Log in with qq' (with QQ icon). At the bottom left is a 'Hide' link with an upward arrow, and at the bottom right is a 'Need help logging in?' link.

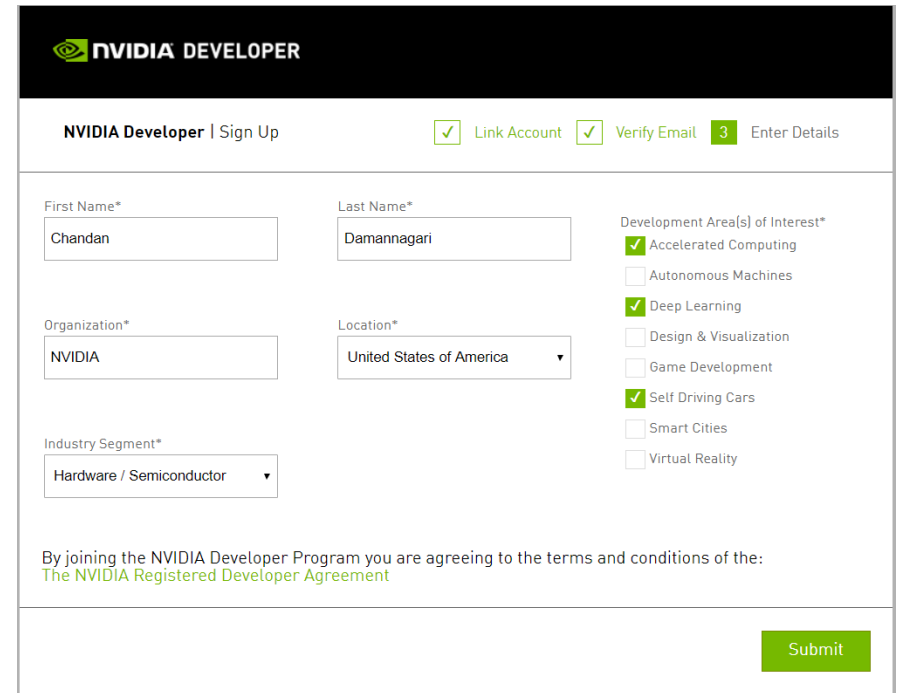
# GETTING STARTED

Using your professional email gives you higher priority when reporting issues and consideration when applying for early access programs

Opting-in to communications gives you the latest information on product releases, news, and special events

The “Developer Areas of Interest” help us send you the most relevant updates and information

NVIDIA will never share your information with 3<sup>rd</sup> parties



The screenshot shows the NVIDIA Developer sign-up page. At the top is the NVIDIA Developer logo. Below it, the text "NVIDIA Developer | Sign Up" is followed by three progress indicators: a green checkmark for "Link Account", a green checkmark for "Verify Email", and a green box with the number "3" for "Enter Details". The form fields are as follows: "First Name\*" with the value "Chandan", "Last Name\*" with the value "Damannagari", "Organization\*" with the value "NVIDIA", and "Location\*" with a dropdown menu showing "United States of America". There is also an "Industry Segment\*" dropdown menu showing "Hardware / Semiconductor". To the right of these fields is a section titled "Development Area(s) of Interest\*" with a list of checkboxes: "Accelerated Computing" (checked), "Autonomous Machines" (unchecked), "Deep Learning" (checked), "Design & Visualization" (unchecked), "Game Development" (unchecked), "Self Driving Cars" (checked), "Smart Cities" (unchecked), and "Virtual Reality" (unchecked). At the bottom of the form, there is a line of text: "By joining the NVIDIA Developer Program you are agreeing to the terms and conditions of the: The NVIDIA Registered Developer Agreement". A green "Submit" button is located at the bottom right of the form.

# DEVELOPER ENGAGEMENT PLATFORMS

Information, downloads, special programs, code samples, and bug submission

[developer.nvidia.com](https://developer.nvidia.com)

Containers for cloud and workstation environments

[ngc.nvidia.com](https://ngc.nvidia.com)

Insights & help from other developers and NVIDIA technical staff

[devtalk.nvidia.com](https://devtalk.nvidia.com)

Technical documentation

[docs.nvidia.com](https://docs.nvidia.com)

Deep Learning Institute: workshops & self-paced courses

[courses.nvidia.com](https://courses.nvidia.com)

In depth technical how to blogs

[devblogs.nvidia.com](https://devblogs.nvidia.com)

Developer focused news and articles

[news.developer.nvidia.com](https://news.developer.nvidia.com)

Webinars

[nvidia.com/webinar-portal](https://nvidia.com/webinar-portal)

GTC on-demand content

[gputechconf.com](https://gputechconf.com)



# TOP LEVEL NAVIGATION

## developer.nvidia.com

Domain-specific technology areas

NGC containers


Highlighted developer news and blogs

Login using your NVIDIA Account  
[Some downloads require login]

The screenshot displays the NVIDIA Developer website interface. At the top, there is a navigation bar with links for RTX, Gameworks, Designworks, VRworks, High Performance Computing, Jetpack, Drive, Clara, and Open Source. A search bar and 'Join'/'Login' buttons are also present. Below the navigation bar is a hero section titled 'INTRODUCING RAPIDS' with a 'Learn More' button. The main content area features a grid of domain-specific technology areas: High Performance Computing, Deep Learning, Machine Learning, Inference, Autonomous Machines, Autonomous Vehicles, Ray Tracing, Game Development, and Design and Visualization. Below this grid is a section for 'GPU-Accelerated Containers' with a 'Get Started' button. To the right of this section is a 'Join the NVIDIA Developer Program' button. At the bottom, there are sections for 'Blogs' and 'News', each with a 'Read More' button. The 'Blogs' section highlights 'Tensor Core Programming Using CUDA Fortran' and 'Introduction to Ray Tracing in Unreal Engine 4.27'. The 'News' section highlights 'Speed Up New models with TensorRT Updates' and 'NVIDIA Announces CUDA-X AI SDK'.

# CUDA TOOLKIT

## developer.nvidia.com/cuda-toolkit

 **NVIDIA. ACCELERATED COMPUTING** [Downloads](#) [Training](#) [Ecosystem](#) [Forums](#) [Chandan](#)

CUDA Toolkit


[Home](#) > [High Performance Computing](#) > [CUDA Toolkit](#)

### Develop, Optimize and Deploy GPU-accelerated Apps

The NVIDIA® CUDA® Toolkit provides a development environment for creating high performance GPU-accelerated applications. With the CUDA Toolkit, you can develop, optimize and deploy your applications on GPU-accelerated embedded systems, desktop workstations, enterprise data centers, cloud-based platforms and HPC supercomputers. The toolkit includes GPU-accelerated libraries, debugging and optimization tools, a C/C++ compiler and a runtime library to deploy your application.


GPU-accelerated CUDA libraries enable drop-in acceleration across multiple domains such as linear algebra, image and video processing, deep learning and graph analytics. For developing custom algorithms, you can use available integrations with commonly used languages and numerical packages as well as well-published development APIs. Your CUDA applications can be deployed across all NVIDIA GPU families available on premise and on GPU instances in the cloud. Using built-in capabilities for distributing computations across multi-GPU configurations, scientists and researchers can develop applications that scale from single GPU workstations to cloud installations with thousands of GPUs.


To get started, browse through online getting started resources, optimization guides, illustrative examples and collaborate with the rapidly growing developer community.


 [Download Now >](#)


CUDA 10.1 Update 1: What's New... >


### COMPONENTS AND RESOURCES


 GPU-accelerated Libraries


 Documentation


 Getting Started

 Training

 Developer Tools

 Sample Code

 CUDA Developer Blogs


 Community




# CUDA-X & PARTNER LIBRARIES

[developer.nvidia.com/gpu-accelerated-libraries](https://developer.nvidia.com/gpu-accelerated-libraries)


### Deep Learning Libraries



GPU-accelerated library of primitives for deep neural networks




GPU-accelerated neural network inference library for building deep learning applications



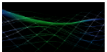
Advanced GPU-accelerated video inference library

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### Linear Algebra and Math Libraries



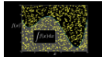
GPU-accelerated standard BLAS library



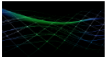
GPU-accelerated standard mathematical function library




GPU-accelerated BLAS for sparse matrices



GPU-accelerated random number generation (RNG)




Dense and sparse direct solvers for Computer Vision, CFD, Computational Chemistry, and Linear Optimization applications




GPU accelerated linear solvers for simulations and implicit unstructured methods

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### Signal, Image and Video Libraries



GPU-accelerated library for Fast Fourier Transforms




GPU-accelerated library for image and signal processing

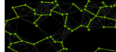


High-performance APIs and tools for hardware accelerated video encode and decode


### Parallel Algorithm Libraries



Collective Communications Library for scaling apps across multiple GPUs and nodes




GPU-accelerated library for graph analytics




GPU-accelerated library of parallel algorithms and data structures

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### Partner Libraries




GPU-accelerated open-source library for computer vision, image processing and machine learning, now supporting real-time operation




Open-source multi-media framework with a library of plugins for audio and video processing




GPU-accelerated open source library for matrix, signal, and image processing




GPU-accelerated linear algebra routines for heterogeneous architectures, by Magma




GPU-accelerated open-source Fortran library with functions for math, signal and image processing, statistics, by RogueWave




Library for graph-processing designed specifically for the GPU



GPU-accelerated functions for sparse direct solvers, included in SuiteSparse linear algebra package authored by Prof.



GPU-accelerated linear algebra library by EM Photonics



GPU-accelerated linear algebra (LA) routines for the R platform for statistical computing supporting heterogeneous

Over 40 gpu-accelerated libraries as part of CUDA-X, in addition to numerous partner libraries

# PROFILING & DEBUGGING TOOLS

[developer.nvidia.com/tools-overview](https://developer.nvidia.com/tools-overview)

The screenshot shows the NVIDIA Developer website's 'Tools Overview' page. The header includes the NVIDIA Developer logo and navigation links for News, Blog, and Forums. A secondary navigation bar lists various tool categories: RTX, GameWorks, DesignWorks, VRWorks, HPC, Metropolis, Drive, Clara, and Open Source. The main content area is titled 'NVIDIA Developer Tools Overview' and provides a general introduction to the suite of tools. Below the introduction, there are several sections, each with a 'Read More' button: 'Developer Tools Downloads', 'Nsight Productivity Utilities', 'NVIDIA® Nsight™ Systems', 'NVIDIA® Nsight™ Compute', 'NVIDIA® Nsight™ Graphics', 'NVIDIA® Nsight™ Visual Studio Edition', and 'NVIDIA® Nsight™ Eclipse Edition'. Each section briefly describes the capabilities of the respective tool.

**NVIDIA Developer Tools Overview**

NVIDIA Developer Tools are a collection of applications, spanning desktop and mobile targets, which enable developers to build, debug, profile, and develop class leading and cutting edge software that utilizes the latest visual computing hardware from NVIDIA.

[Developer Tools Downloads](#)

**Nsight Productivity Utilities**

**NVIDIA® Nsight™ Systems**

NVIDIA® Nsight Systems™ is a system-wide performance analysis tool designed to visualize an application's algorithms, identify the largest optimization opportunities, and tune to scale efficiently across any quantity or size of CPUs and GPUs, from large servers to our smallest SoC.

[Read More](#)

**NVIDIA® Nsight™ Compute**

NVIDIA® Nsight™ Compute is an interactive kernel profiler for CUDA applications. It provides detailed performance metrics and API debugging via a user interface and command line tool. Nsight Compute also provides customizable and data-driven user interface and metric collection that can be extended with analysis scripts for post-processing results.

[Read More](#)

**NVIDIA® Nsight™ Graphics**

NVIDIA® Nsight Graphics™ is a standalone application for the debugging, profiling, and analysis of graphics applications. It allows you to optimize the performance of your Direct3D 11, Direct3D 12, DirectX Raytracing, OpenGL, Vulkan, and NVIDIA VKRay based applications.

[Read More](#)

**NVIDIA® Nsight™ Visual Studio Edition**

An application development environment for heterogeneous platforms, Nsight Visual Studio Edition brings GPU computing into Microsoft Visual Studio. Build, debug, profile and trace heterogeneous compute, graphics, virtual reality, RTX, .NET, and UWP applications built with CUDA C/C++, OpenCL, DirectCompute, Direct3D (11,12,DXR), Vulkan (1.1, Vulkan Ray Tracing Extension), OpenGL, OpenVR, and the Oculus SDK.

[Read More](#)

**NVIDIA® Nsight™ Eclipse Edition**

NVIDIA® Nsight™ Eclipse Edition is a full-featured IDE powered by the Eclipse platform that provides an all-in-one integrated environment to edit, build, debug, and profile CUDA-C applications. Nsight Eclipse Edition supports a rich set of commercial and free plugins.

[Read More](#)

# DATACENTER TOOLS

[developer.nvidia.com/datacenter-management-gpu](https://developer.nvidia.com/datacenter-management-gpu)

The screenshot shows the 'Data Center Tools for NVIDIA GPUs' page. The header features the title 'Data Center Tools for NVIDIA GPUs'. The main content area is divided into several sections, each with a 'Learn More' button: 'Home', 'Develop, Train, Simulate' (which includes 'GPU-Optimized Containers'), 'Schedule and Orchestrate' (which includes 'NVIDIA Container Runtime', 'Kubernetes on NVIDIA GPUs', and 'Cluster Management Tools'), and 'Manage and Monitor' (which includes 'Data Center GPU Manager (DCGM)' and 'NVIDIA Management Library (NVML)'). Each section provides a brief overview of the tool's purpose and its role in data center operations.

**Data Center Tools for NVIDIA GPUs**

**Home**

NVIDIA GPU accelerated data centers are increasingly being used to run production deep learning and high-performance computing (HPC) applications. Teams of researchers, developers and data scientists share data center resources to design and develop software and algorithms, train deep learning models, run simulations, perform testing and validations, and also deploy applications and models to productions in the same or deployment data centers on-prem or in the cloud.

NVIDIA works closely with its ecosystem partners to provide developers and DevOps with software tools for every step of the AI and HPC software life cycle.

**Develop, Train, Simulate**

**GPU-Optimized Containers**

NVIDIA offers GPU-accelerated deep learning and HPC containers from NVIDIA GPU Cloud (NGC) that are optimized to deliver maximum performance on NVIDIA GPUs. The NGC container registry includes NVIDIA tuned, tested, certified, and maintained containers for the top deep learning software like TensorFlow, PyTorch, MXNet, TensorRT, and more. NGC also has third-party managed HPC application containers, and NVIDIA HPC visualization containers. This eliminates the need for developers, data scientists and researchers to manage packages and dependencies or build deep learning frameworks from source.

[Get NGC Containers](#)

**Schedule and Orchestrate**

**NVIDIA Container Runtime**

NVIDIA Container Runtime is a GPU aware container runtime, compatible with popular container technologies such as Docker, LXC and CRI-O. It simplifies the process of building and deploying containerized GPU-accelerated applications to desktop, cloud or data centers.

[Learn More](#)

**Kubernetes on NVIDIA GPUs**

Kubernetes on NVIDIA GPUs enables enterprises to scale up training and inference deployment to multi-cloud GPU clusters seamlessly. It lets you automate the deployment, maintenance, scheduling and operation of multiple GPU accelerated application containers across clusters of nodes.

[Learn More](#)

**Cluster Management Tools**

NVIDIA GPUs are supported by a number of 3rd party schedulers and cluster management software.

[Learn More](#)

**Manage and Monitor**

**Data Center GPU Manager (DCGM)**

NVIDIA DCGM is a suite of tools for managing and monitoring GPUs in cluster environments. It includes active health monitoring, comprehensive diagnostics, system alerts and governance policies including power and clock management. It can be used standalone by system administrators and easily integrates into cluster management, resource scheduling and monitoring products from NVIDIA partners.

[Learn More and Download](#)

**NVIDIA Management Library (NVML)**

NVML is an SDK for monitoring and managing various states of the NVIDIA GPU devices. It provides a direct access to the queries and commands exposed via nvml-smi. The SDK provides the appropriate header, stub libraries and sample applications.

[Learn More and Download](#)

# SOFTWARE DOWNLOADS

Navigate from the developer homepage to the individual product pages and then to the corresponding download pages to install the latest and archived versions of software.

## LOCAL INSTALLERS, LOCAL REPOS

These packages are usually larger and contain all the files needed to install on your development system

## NETWORK INSTALLER

The download is a thin client which downloads the latest version from a fixed web location

## NETWORK REPOS

Linux repos containing the latest and past releases, installable using “apt-get”

## SDK MANAGER

Client side installation manager, currently delivering DRIVE and Jetson SW

## NGC

Containers with pre-installed SDKs, runtimes, NVIDIA optimized frameworks

# NGC

[nvidia.com/ngc](https://nvidia.com/ngc)

## Accelerate Time-to-Solution

NGC accelerates productivity with easy to deploy, optimized AI frameworks, and HPC application containers so users can focus on building their solutions.

## Simplify AI Adoption

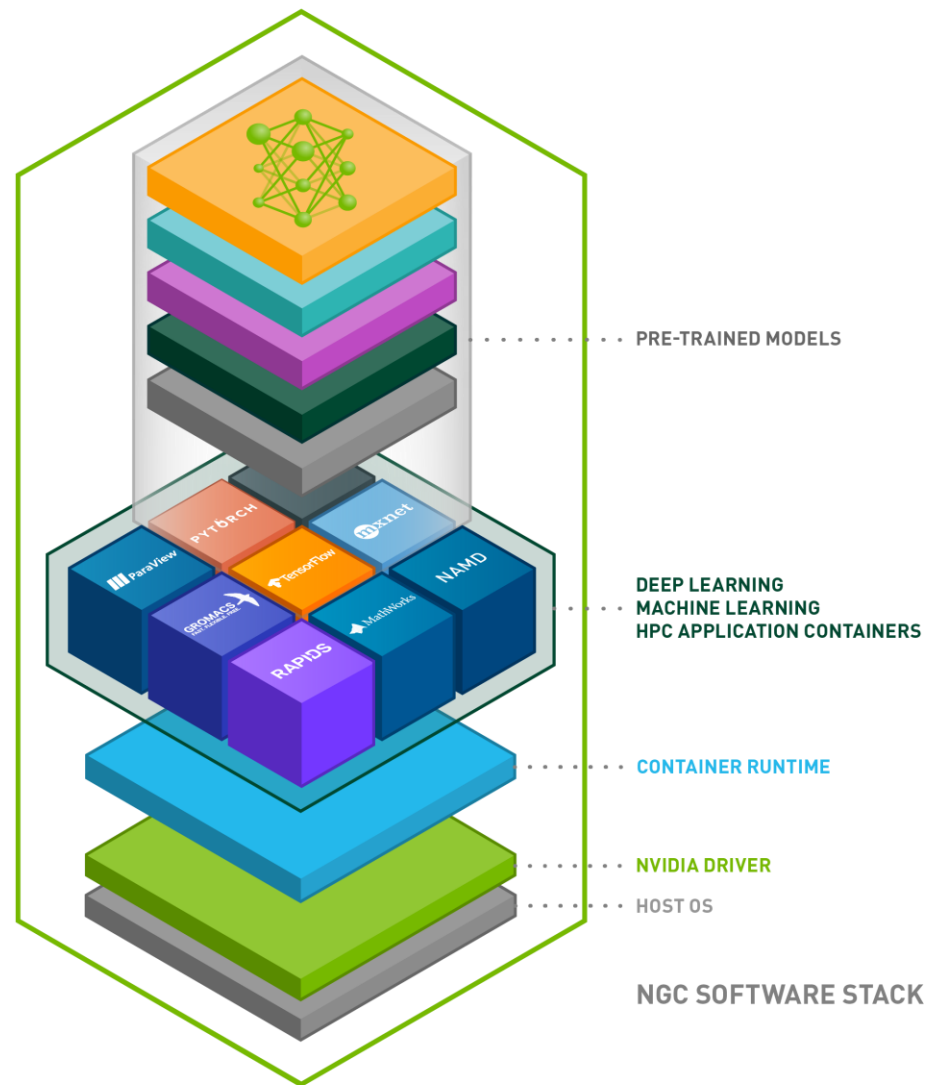
NGC lowers the barrier to AI adoption by taking care of the heavy lifting (expertise, time, compute resources) with pre-trained models and workflows with best-in-class accuracy and performance.

## Run Anywhere You Have NVIDIA GPUs

Run software from NGC on-prem, in the cloud, or using hybrid deployments. This maximizes utilization of GPUs, portability, and scalability.

## Deploy NGC Software with Confidence


Enterprise-grade support for NGC-Ready systems provides direct access to NVIDIA's experts, minimizing system downtime, and maximizing system utilization and productivity.




# TECHNICAL DOCUMENTATION

Browse installation, programming, and performance guides by product

[docs.nvidia.com](https://docs.nvidia.com)


**NVIDIA DEVELOPER**

## NVIDIA Developer Documentation




**CUDA Toolkit Documentation**  
The NVIDIA CUDA Toolkit provides a comprehensive development environment for C and C++ developers building GPU-accelerated applications.

[Browse >](#)




**Jetson Software Documentation**  
The NVIDIA JetPack SDK, which is the most comprehensive solution for building AI applications, along with L4T and L4T Multimedia, provides the Linux kernel, bootloader, NVIDIA drivers, flashing utilities, sample filesystem, and more for the Jetson platform.

[Browse >](#)



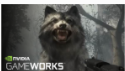
**NVIDIA DGX Systems Documentation**  
DGX Systems provide integrated hardware, software, and tools for running GPU-accelerated, HPC applications such as deep learning, AI analytics, and interactive visualization.

[Browse >](#)




**NVIDIA Virtual GPU Software Documentation**  
NVIDIA virtual GPU (vGPU) software is a graphics virtualization platform that extends the power of NVIDIA GPU technology to virtual desktops and apps, offering improved security, productivity, and cost-efficiency.

[Browse >](#)




**NVIDIA GameWorks Documentation**  
Documentation for GameWorks related products and technologies including libraries (NVAPI, OpenAutomate), code samples (DirectX/OpenGL) and developer tools (Nsight, Tegra Profilers).

[Browse >](#)



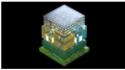
**Deep Learning Software Documentation**  
The NVIDIA Deep Learning SDK and Frameworks performance tuned for DGX Systems provide flexible and powerful software for creating, training, and inferring custom deep neural networks for machine learning and artificial intelligence applications.

[Browse >](#)




**NVIDIA DRIVE Platform Documentation**  
NVIDIA DRIVE Platform provides a comprehensive software and hardware solution for development of autonomous vehicles.

[Browse >](#)



**NGC**  
NGC is the hub for GPU-optimized software for DL, ML, and HPC that provides containers, models, model scripts, and industry solutions so data scientists, developers, and researchers can focus on building solutions and gathering insights faster.

[Browse >](#)

**DEVELOPER ZONE**

## CUDA TOOLKIT DOCUMENTATION

CUDA Toolkit v10.1.168

- Release Notes
- EULA
- Installation Guides
  - Quick Start Guide
  - Installation Guide Windows
  - Installation Guide Mac OS X
  - Installation Guide Linux
- Programming Guides
  - Programming Guide
  - Best Practices Guide
  - Maxwell Compatibility Guide
  - Pascal Compatibility Guide
  - Volta Compatibility Guide
  - Turing Compatibility Guide
  - Kepler Tuning Guide
  - Maxwell Tuning Guide
  - Pascal Tuning Guide
  - Volta Tuning Guide
  - Turing Tuning Guide
  - PTX ISA
  - Developer Guide for Optimus
  - Video Decoder
  - PTX Interoperability
  - Inline PTX Assembly
- CUDA API References
  - CUDA Runtime API
  - CUDA Driver API
  - CUDA Math API
  - cuBLAS
  - NVBLAS
  - nvJPEG
  - cuFFT
  - nvGRAPH

### CUDA Toolkit Documentation v10.1.168

**Release Notes**  
The Release Notes for the CUDA Toolkit.

**EULA**  
The End User License Agreements for the NVIDIA CUDA Toolkit, the NVIDIA CUDA Samples, the NVIDIA

#### Installation Guides

**Quick Start Guide**  
This guide provides the minimal first-steps instructions for installation and verifying CUDA on a standa

**Installation Guide Windows**  
This guide discusses how to install and check for correct operation of the CUDA Development Tools on

**Installation Guide Mac OS X**  
This guide discusses how to install and check for correct operation of the CUDA Development Tools on

**Installation Guide Linux**  
This guide discusses how to install and check for correct operation of the CUDA Development Tools on

#### Programming Guides

**Programming Guide**  
This guide provides a detailed discussion of the CUDA programming model and programming interface, achieve maximum performance. The appendices include a list of all CUDA-enabled devices, detailed c functions, C++ features supported in host and device code, details on texture fetching, technical spec

**Best Practices Guide**  
This guide presents established parallelization and optimization techniques and explains coding metap architectures. The intent is to provide guidelines for obtaining the best performance from NVIDIA GPU

# SUBMITTING ISSUES AND BUGS

Login to [developer.nvidia.com](https://developer.nvidia.com)

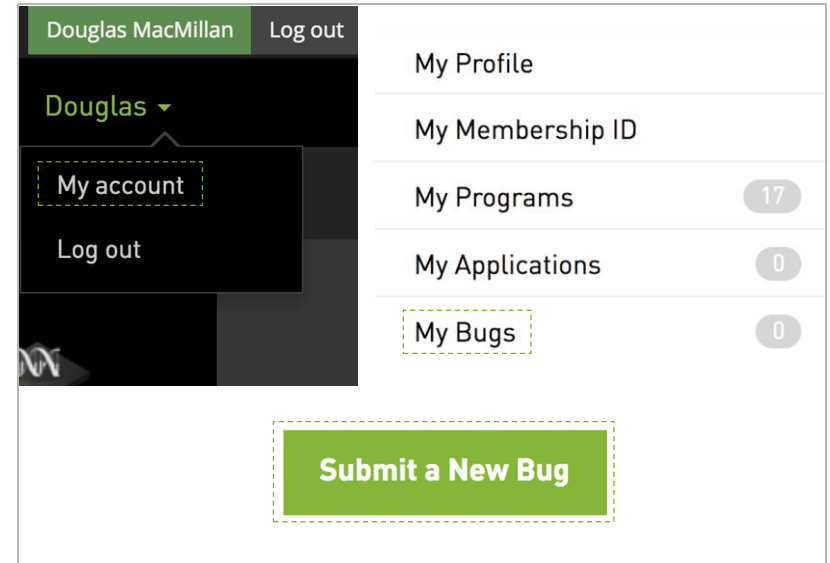
Follow the “*My account*” link below your username, top right

Follow “*My Bugs*” link on menu, bottom left

Log issues using “*Submit a New Bug*” button, top right

Follow progress of any submitted issues in My Bugs Section

[https://developer.nvidia.com/nvidia\\_bug/add](https://developer.nvidia.com/nvidia_bug/add)






# FORUMS

Browse topics of interest and get your product questions answered

[devtalk.nvidia.com](https://devtalk.nvidia.com)

 NVIDIA DEVELOPER

COMPUTEWORKS

GAMEWORKS

JETPACK

DESIGNWORKS

Q dchandan22

AGX - Autonomous Machines

Announcements

13 Topics  
23 Comments

DRIVE AGX

FAQ / General /

248 Topics  
1,150 Comments

Drive PX2

General / FAQ / DRIVE Hardware / DRIVE - Linux / DriveWorks /

1,529 Topics  
6,736 Comments

Isaac

SDK / Simulation /

115 Topics  
426 Comments

Jetson & Embedded Systems

Announcements / Jetson Projects / DeepStream SDK on Jetson / Jetson Nano / Jetson AGX Xavier / Jetson TX2 / Jetson TX1 / Jetson TK1 / Legacy Topics Platform (T10-T40) /

17,264 Topics  
110,639 Comments

Deep Learning Training and Inference

Announcements

15 Topics  
24 Comments

Deep Learning Framework

NVIDIA Technical Resources / Container-GetIt / Container-DIGITS / Container-Inference Server / Container-Microsoft Cognitive Toolkit (CNTK) / Container-MXNet / Container-PyTorch / Container-TensorRT / Container-TensorFlow / Container-Theano / Container-Torch /

183 Topics  
536 Comments

Deep Learning

cuDNN / TensorRT / Other Libraries /

1,533 Topics  
5,073 Comments

Mixed-precision and Tensor Cores

37 Topics  
1,538 Comments

NVIDIA Transfer Learning Toolkit for IVA Early Access (NEW)

Discussions relating to Transfer Learning Toolkit for IVA

28 Topics  
96 Comments

Accelerated Computing

Announcements

Updates on the latest releases, upcoming events, and more

252 Topics  
641 Comments

CUDA Programming and Performance

General discussion area for algorithms, optimizations, and approaches to GPU Computing with CUDA C, C++, Thrust, Fortran, Python (pyCUDA), etc.

35,296 Topics  
170,714 Comments

Popular Topics

Nvidia driver installed b...

Linux - 2 days

31

Xubuntu-Core / XFCE4 18.0...

Jetson Nano - 1 week

21

Unable to install TensorF...

Jetson Nano - 1 week

14

Problem about replacing P...

Jetson AGX Xav... - 13 hours

27

Performance Variance Betw...

Jetson TX2 - 1 day

27

Nouveau support for Jetso...

Jetson Nano - 7 days

28

Script killed

Jetson Nano - 4 days

16

How to use ISP in Xavier ...

Jetson AGX Xav... - 1 week

18

How to use TF + TRT toget...

TensorRT - 1 week

1

model inference is wrong

TensorRT - 1 week

2

Latest Topics

MobileNet SSD v2 in jetso...

Jetson Nano - 44 minutes

0

CUDA 8.0 Samples Not Bui...

cuDNN Setup and ... - 1 hour

0

How to perform fast Int8 ...

Mixed-precision... - 1 hour

0

Does NVIDIA Jetson Nano s...

Jetson Nano - 6 minutes

1

Encoding HEVC with constr...

Video Codec and... - 2 hours

0

Using framework sample co...

General - 2 hours

0

cCreateBufferNV from the...

cuDNN Programmin... - 2 hours

0

create\_inference\_graph er...

TensorRT - 2 hours

0

cuSOLVER from kernel

GPU-accelerated... - 2 hours

0

failed to install DeepStr...

Jetson Nano - 1 hour

1

Recent Activity

Warning C4819 with VS2010

cuDNN Programmin... - 4 minutes

2

View All

# NVIDIA DEEP LEARNING INSTITUTE

Hands-on, self-paced and instructor-led training in deep learning and accelerated computing for developers

Request onsite instructor-led workshops at your organization:

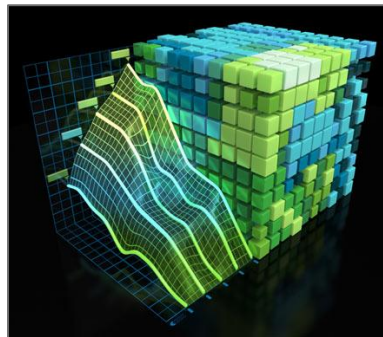
[nvidia.com/requestdli](https://nvidia.com/requestdli)

Take self-paced courses online:

[nvidia.com/dlilabs](https://nvidia.com/dlilabs)

Download the course catalog, view upcoming workshops, and learn about the University Ambassador Program:

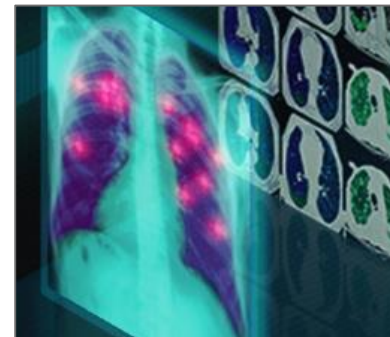
[nvidia.com/dli](https://nvidia.com/dli)



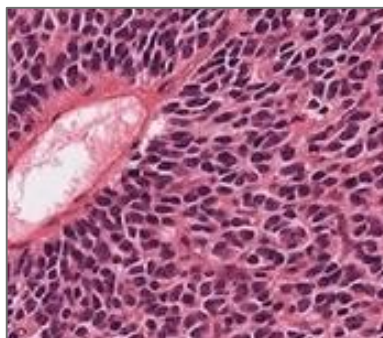
Accel. Computing Fundamentals



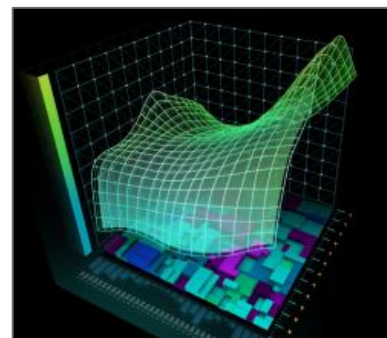
Autonomous Vehicles



Medical Image Analysis



Genomics



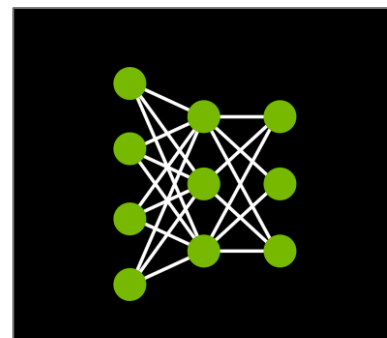
Finance



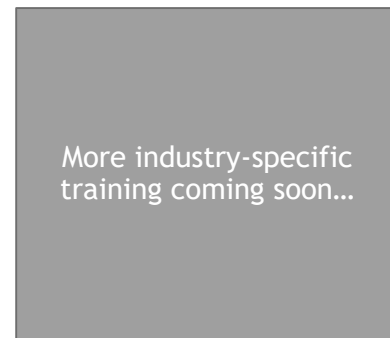
Digital Content Creation



Game Development



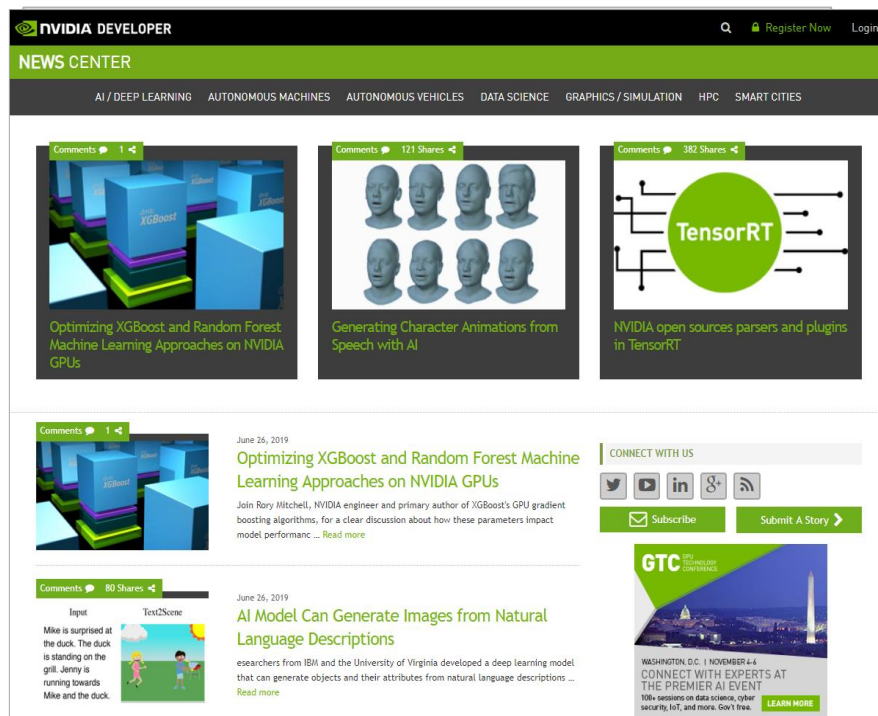
Deep Learning Fundamentals



More industry-specific training coming soon...

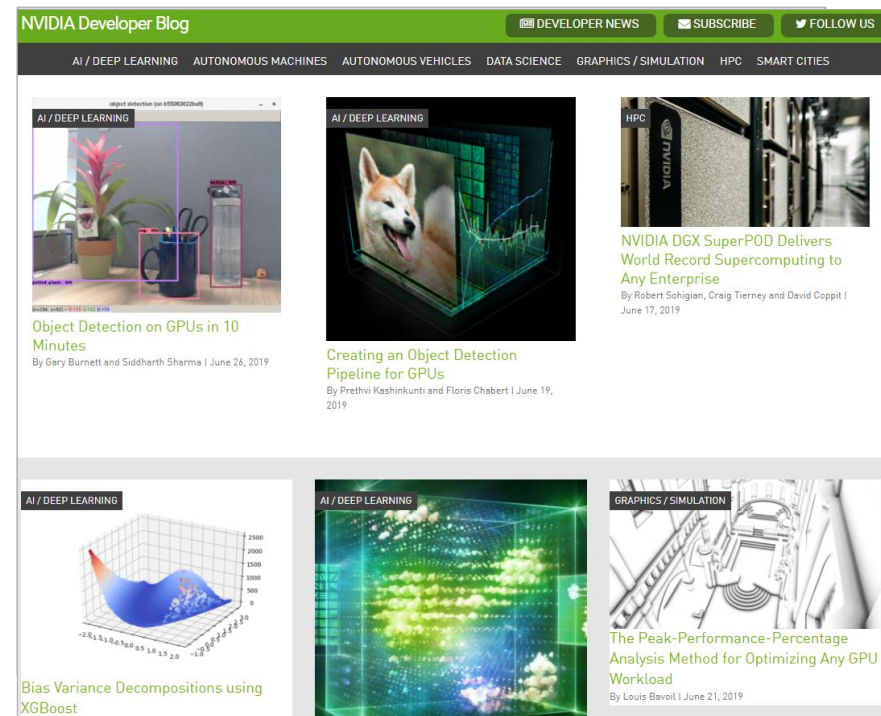
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