

DGX Spark 簡易說明及RMA注意事項

線上客服連結：

<https://www.leadtek.com.tw/cht/support/warranty/>

將快速入門指南妥善保存以備將來參考，封面上包含以下資訊：

- 熱點 SSID、密碼及設置頁面，這些資訊對每台 DGX Spark 都是唯一的。請務必保留此份快速入門指南。
- 保留或拍攝序號標籤的照片，以便將來硬體支援與 RMA（退換貨）申請使用。



Guidebook for NVIDIA DGX Spark FE v1.1

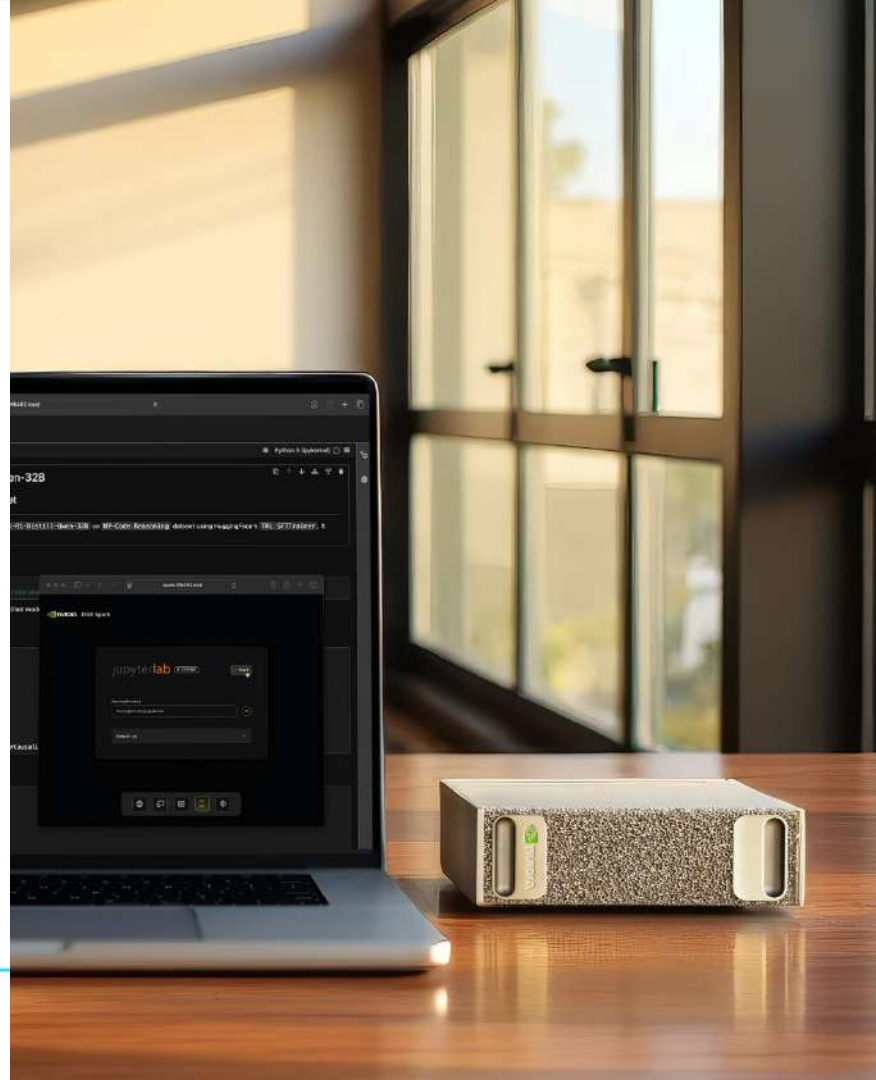
Leadtek Research Inc., Nov. 12, 2025

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NVIDIA DGX Spark

Designed to build and run AI

- Large local memory
- Support for NVIDIA AI software stack
- Compact, power efficient form factor
- Configure as standalone system or network connected compute resource

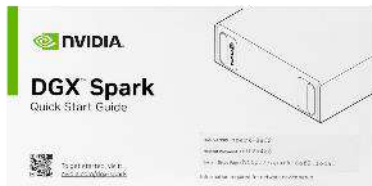


NVIDIA DGX Spark: Specifications



| | |
|--------------------|---|
| Architecture | NVIDIA Grace Blackwell |
| GPU | Blackwell Architecture |
| CPU | 20 core Arm,10 Cortex-X925 + 10 Cortex-A725 |
| CUDA Cores | Blackwell Generation |
| Tensor Cores | 5th Generation |
| RT Cores | 4th Generation |
| Tensor Performance | 1 PFLOP |
| System Memory | 128GB LPDDR5x, unified system memory |
| Memory Interface | 256-bit |
| Memory Bandwidth | Up to 273 GB/s |
| Storage | 4 TB NVME.M2 with self-encryption |
| USB | 4x USB Type C |
| Ethernet | 10 GbE/ 1x RJ-45 connector |
| NIC | ConnectX-7 Smart NIC @ 200 Gbps |
| Wi-Fi | Wi-Fi 7 |
| Bluetooth | BT 5.4 |
| Audio output | HDMI multichannel audio output |
| Power Consumption | 240W |
| Display Connectors | 1x HDMI 2.1a |
| NVENC NVDEC | 1x 1x |
| OS | NVIDIA DGX™ OS |
| System Dimensions | 150 mm L x 150 mm W x 50.5 mm H |
| System Weight | 1.2 kg |

NVIDIA DGX Spark: Package Content



DGX Spark Quick Start Guide

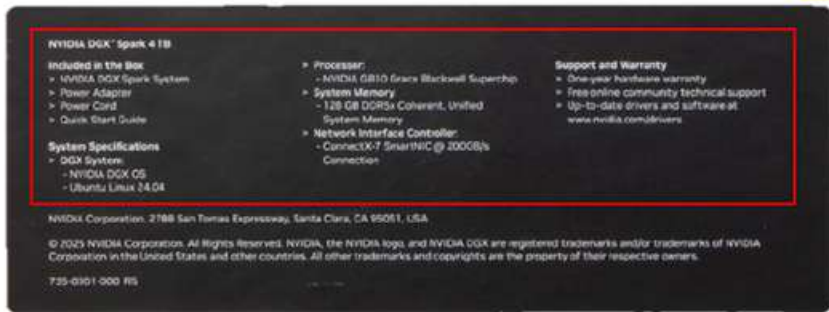


Power Adapter and Power Cord

NVIDIA Enterprise GPU

NVIDIA DGX Spark: Labeling (1)

DGX Spark 序號部份 會貼在外盒，特別注意 RMA需要連同外盒一起送，機器上方 下方 無條碼、貼紙



- Package content
- System specifications



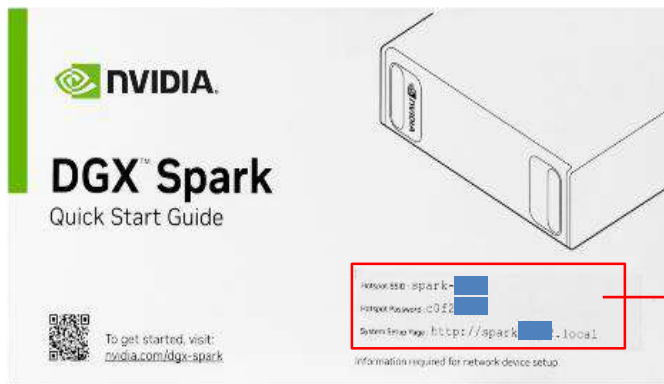
There is no mark or label of any kind on the unit.



- Warning message for coin battery
- Serial number
- Part number

DGX Spark: Reminder for Customer (1)

- Keep the Quick Start Guide at a safe place for future reference, it contains the info on the cover:
 - Hotspot SSID, Password and Setup page which are unique to each DGX Spark



The information required
for network device setup

DGX Spark: Reminder for Customer (2)

- More product information of DGX Spark FE should be visible by removing its bottom panel. The panel is magnetically attached, no tools needed.
- Markings include:
 - Model #, COO, serial number, part number and regulatory certs



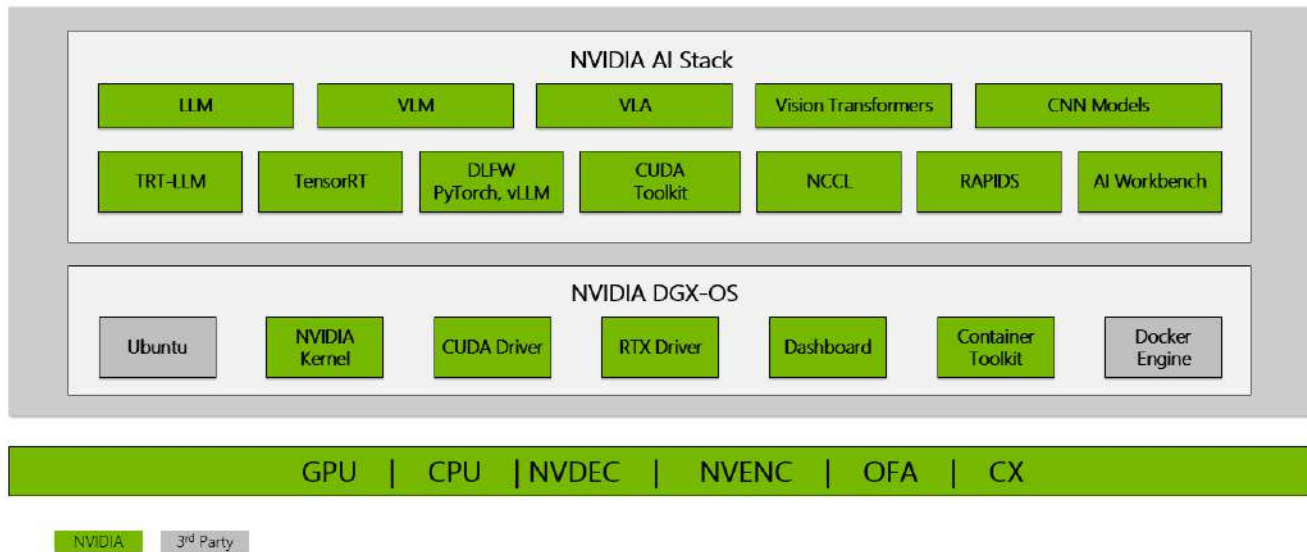
(Serial number will be required for RMA submission)



DGX Spark: Enterprise Grade OS

DGX Spark Pre-configured with:

- **NVIDIA DGX OS:** Optimized operating system for AI workloads
- **Development Tools:** CUDA, cuDNN, and NVIDIA's development ecosystem
- **Container Support:** Docker and NVIDIA Container Runtime for easy deployment
- **NGC Integration:** Access to NVIDIA's container registry



DGX Spark: Full Developer Software Ecosystem and AI Software



NVIDIA

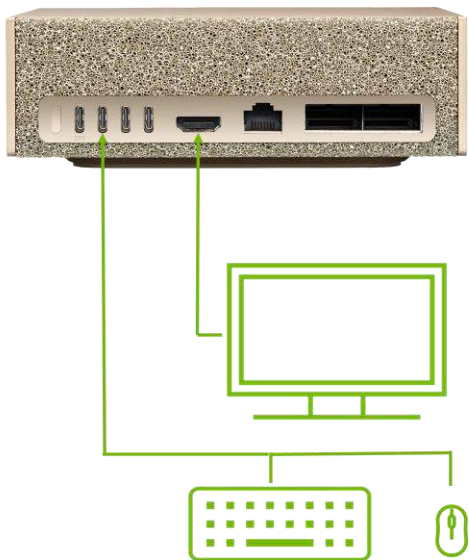
3rd Party

1. Not all components available at launch. Preinstalled software may be updated with the latest versions downloaded at 1st boot
2. Production deployment (DC and cloud) requires NVAIE license

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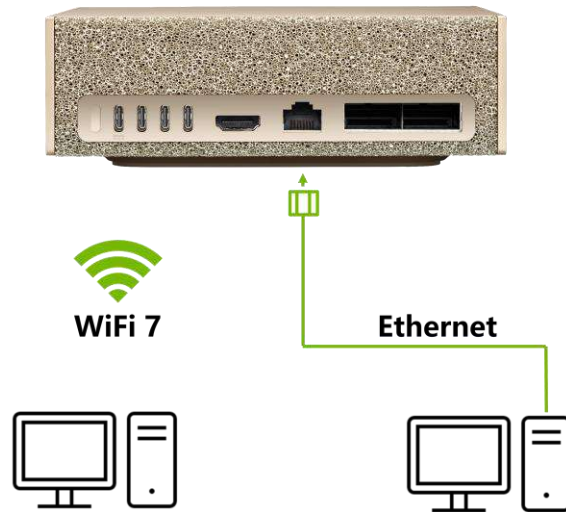
DGX Spark: Deployments

Local - Standalone



(For initial access to DGX Spark during system setup and configuration, using Local Mode is recommended)

Remote Access



DGX Spark: Instruction Manual

DGX Spark Quick Start Guide

- System Installation
- System Configuration
 - Configuring as a standalone system
 - Configuring as a network connected compute device
- For information on clustering 2 DGX Spark system, please see **DGX Spark User Guide**

Video: [Getting Started with the NVIDIA DGX Spark](#)

PDF Version: <https://www.nvidia.com/content/dam/en-zz/solutions/support/dgx-spark/DGX-Spark-Quick-Start-Guide.pdf>

DGX Spark User Guide

- Release Notes
 - Operating System: NVIDIA DGX OS 7.2.3
 - NVIDIA GPU Driver: 580.95.05
 - NVIDIA CUDA Toolkit: 13.0.2
- Initial Setup – First Boot
- System Configuration
- Software
- Common Use Cases
- OS and Component Update
 - Using DGX Dashboard
- System Recovery

Web Version: [DGX Spark User Guide — DGX Spark User Guide](#)

PDF Version: <https://docs.nvidia.com/dgx/dgx-spark/dgx-spark.pdf>

DGX Spark: Instruction Manual

A system tray utility that connects your computer to your DGX Spark over the local network. It gives you a single interface to manage SSH access and launch development tools on your DGX Spark.

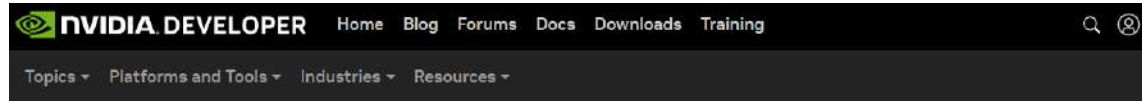
- Connect to DGX Spark systems from your laptop or desktop
- Launch DGX Spark dashboard remotely to check system status
- Connects most popular IDEs to DGX spark to speed development (Cursor/VS Code/AI Workbench)
- Available as free download

Download Link: <https://build.nvidia.com/spark/connect-to-your-spark/sync>

NVIDIA Sync



Get Started With NVIDIA DGX™ Spark



[Home](#) / [Topics](#) / [AI](#) / [DGX Spark](#)

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Introduction

[Software](#)

[Documentation](#)

Get Started With NVIDIA DGX™ Spark

NVIDIA DGX™ Spark enables developers to harness the power of AI at their desk. To get started, developers can access detailed documentation, participate in community discussions, and explore real-world use cases for inspiration.

[Forum](#)

[Playbooks](#)

[Feedback](#)

[DGX Spark for AI Developers - Get Started | NVIDIA Developer](#)

Software Support Resources

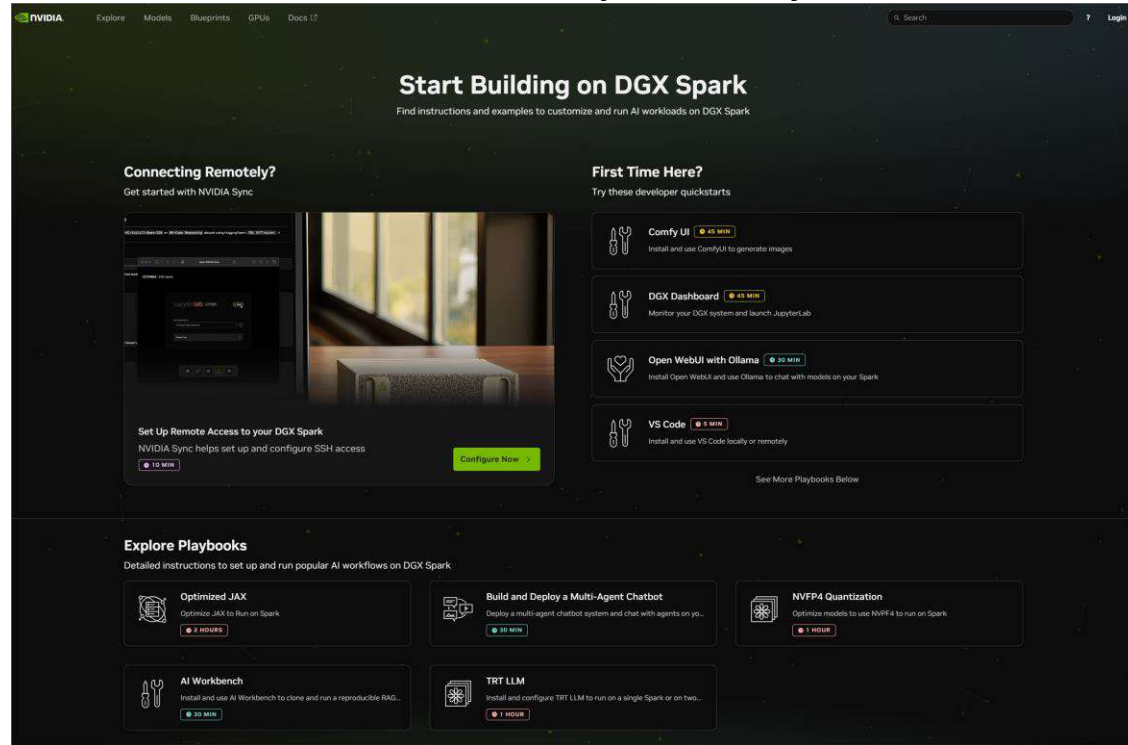
Start AI Developer Journey

Developers can go to:

- Find instructions and examples to customize and run AI workloads on DGX Spark.
- Learn about the latest AI tools such as Comfy UI, Ollama or set up a Visual Studio coding environment directly on their DGX Spark.

Playbooks, detailed instructions to setup and run popular workflows, and cover a wide range of topics such as how to fine tune using Llama Factory or build a specialized vision-language model for analyzing X-rays, all of these tools are designed to help to start AI development with DGX Spark.

Portal Access: <http://build.nvidia.com/spark>



Software Support Resources

NVIDIA Developer Program

Users can join:

The [NVIDIA Developer Program](#) and get access to extensive software support, documentation, and the developer community for rich community-based support.

[Learn New Technical Skills | NVIDIA Developer](#)



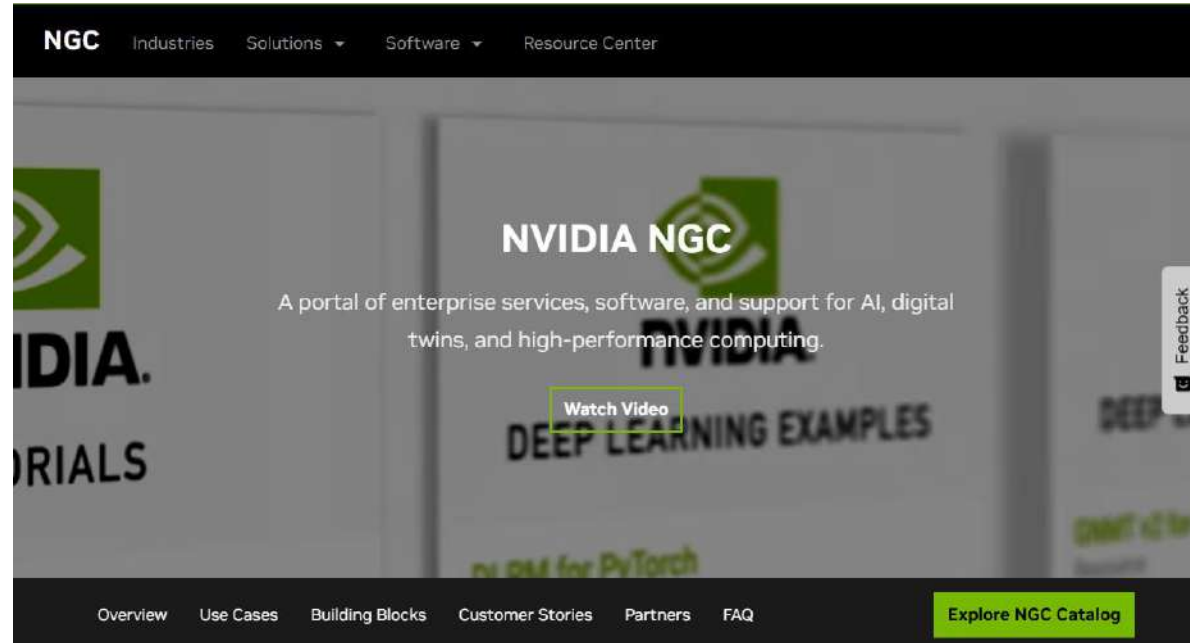
Software Support Resources

Users can register:

Free of charge to NVIDIA NGC™ to get access to additional SDKs, toolkits, trained models, workflows, and much more.

[NVIDIA NGC | NVIDIA](#)

NVIDIA NGC



Other Support Resources

NVIDIA Developer Forum

The screenshot shows the NVIDIA Developer Forum interface. At the top is the NVIDIA logo and navigation links: Home, Blog, Forums (highlighted), Docs, Downloads, and Training. On the right are icons for a clock, search, menu, and user profile. Below the navigation bar is a filter section with buttons for 'Accelerated Computing', 'DGX Spark / GB10 User Forum', 'subcategories', 'tags', and 'all'. A secondary navigation bar includes 'Latest' (highlighted), 'My posts', 'Bookmarks', 'Hot', 'Unread', 'Knowledge Base', a 'New Topic' button, and a notification bell. The main content area is divided into three categories: 'Announcements', 'DGX Spark / GB10', and 'DGX Spark / GB10 Projects'. Each category has a description and a list of recent topics with their respective dates and status (e.g., 'new', '1h', '2h').

| Category | Topics | Latest |
|--|---------------------|---|
| Announcements Check here for the latest news, updates, and other relevant information. | 1 / week | <ul style="list-style-type: none">*** If you have a problem PLEASE read this fir... Oct 16DGX Spark Available October 15 Oct 14NVIDIA DGX Spark Reservation Update Oct 17 |
| DGX Spark / GB10 Get support and view discussion topics about DGX Spark / GB10. | 90 / week 30 new | <ul style="list-style-type: none">DGX Spark / GB10 FAQ Oct 14Power Supply Compatibility new 1hDGX Memory Not Released After Stopping OIL... new 2h |
| DGX Spark / GB10 Projects Discover and share AI projects built on DGX Spark / GB10. | 1 / week 1 new | <ul style="list-style-type: none">Setting up your DGX SPARK for Remote Virtu... new 16hComfyUI on DGX Spark Oct 15Benchmarking VLMs on the DGX Spark Oct 15 |




[Latest Accelerated Computing/DGX Spark / GB10 User Forum topics - NVIDIA Developer Forums](#)

Other Support Resources

DGX Spark Support Portal



Top Support Links

| | | |
|--|--|---|
|  User Forums Connect with user communities to share knowledge, receive expert support, and find inspiration to build the next breakthrough in AI. Visit the Developer Forums > |  Online Orders Receive assistance with your order, whether it's on the way or already in hand. Order Support > Warranty Information (NVIDIA Products only) > |  Software Downloads Access system software to either update your DGX Spark or restore back to system defaults. DGX Spark Software Downloads > |
|--|--|---|

[Expert Assistance for AI Infrastructure | NVIDIA DGX Spark Support](#)

Learning & Training Resources

NVIDIA Deep Learning Institute

Hands-on training in AI and data science

Contents

- Self-paced online courses, instructor-led workshops, education programs and industry-recognized certifications to showcase expertise
- Agentic & Generative AI, Robotics, Data Science, Digital Twins, etc.

Spotlight Courses


- [AI for All: From Basics to GenAI Practice](#)
- [Accelerate Data Science Workflows with Zero Code Changes](#)
- [Introduction to NVIDIA NIM™ Microservices](#)

Deep Learning Institute Find Training Self Paced Courses Instructor-Led Workshops Educator Resources

NVIDIA Deep Learning Institute

Get the skills you need to fast track your success.


What's New Benefits Partners Contact Us Stay Informed



Generative AI and LLM

Elevate your technical skills and earn NVIDIA certification in generative AI and large language models.


[Explore Learning Path >](#)



DGX Platform and Data Center

Empower your enterprise team with NVIDIA DGX™ administration training to quickly harness the full capabilities of NVIDIA's leading platform for AI development.


[Explore Learning Path >](#)



Universal Scene Description (OpenUSD)

Learn to harness the full potential of OpenUSD to accelerate your 3D workflow with these free courses.


[Explore Learning Path >](#)



Accelerated Data Science

Discover how to speed up your workflows using popular Python libraries and essential tools.


[Explore Learning Path >](#)



Robotics Fundamentals

Start your robotics journey with essential foundations in simulation, Robot Operating System (ROS), and robot learning.

[Explore Learning Path >](#)



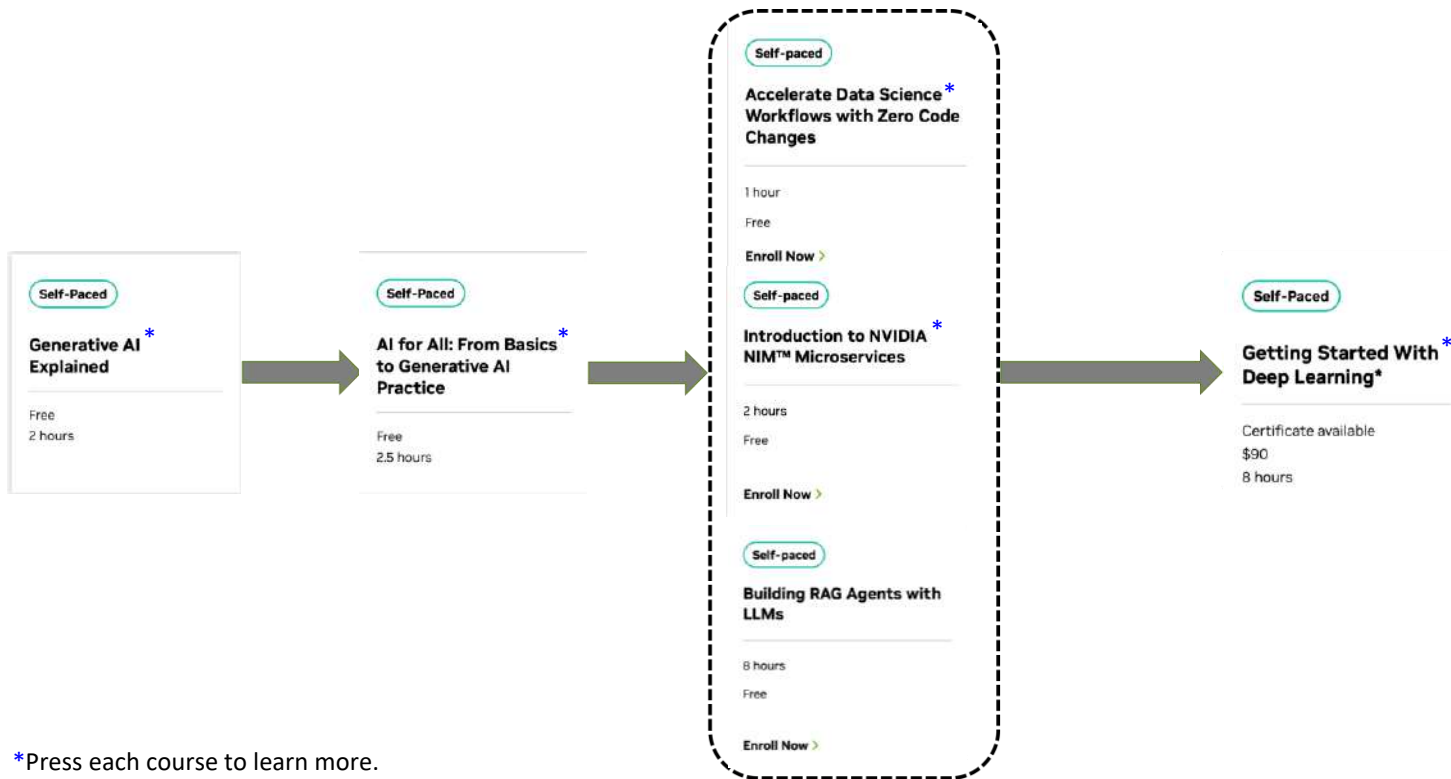
Industrial Digital Twins

Get started with essential foundations in developing OpenUSD-based digital twin applications and workflows for the era of physical AI.

[Explore Learning Path >](#)

Learning & Training Resources

NVIDIA DGX SPARK – Recommended Training Path



THANK YOU