DiGiCOR

TRUSTED IT ADVISER SINCE 1997

Certified System
Quality
ISO 9001
SAI GLOBAL

NVIDIA Rebate

Hardware and Software Discounts for Education and Startups

July 2024

1-300-192-308

Melbourne, Sydney, Brisbane,
Perth, Auckland

26 YEARS OF EXCELLENCE

About Us

DiGiCOR was founded in 1997 with the goal of becoming a major player in the Australian and New Zealand niche ICT Infrastructure market.

Our focus is on providing server, data storage, workstation, networking, edge computing, and IoT solutions.

From designing IT infrastructure to deployment of the final solution, we manage the entire journey for our customers. Traditionally, we were best known for Supermicro solutions, but in recent years we have expanded our partnership to include servers, storage, and workstations from Intel, Seagate, DDN, Western Digital, Chenbro, iXSystems and ASUS, all of which can be configured and priced on our website.

Portfolio

IoT and Embedded

DiGiCOR supplies and supports high-quality embedded and IoT solutions. These systems are deployed at the “edge” of a network when compute resources are needed to derive maximum value from remote data, boosting overall productivity and network performance.

Server

In today’s complex, data-driven world, servers are the backbone of a modern business. Digicor has your server needs covered whether you are a start-up or a large enterprise with multiple data centres in Australia and New Zealand.

Workstation

DiGiCOR workstations are optimised for businesses that work in graphic design, video editing, VFX, or the creative arts. We design and build powerful workstations that produce superior quality results in the least possible time.

Storage

DiGiCOR offers a comprehensive, reliable, and highly scalable range of data storage and backup solutions, designed for the highest levels of performance for your business.

Networking

DiGiCOR partners with the leaders in wired and wireless networking to provide you with networking solutions

Licensing

From basic Microsoft office licenses to complex hypervisor licensing, you can rely on DiGiCOR to provide you based on your needs.

Our Partners

DiGiCOR is proud to partner with global IT corporations to assist you by providing the best, customised solutions. As a local company, we look to provide Australian companies with resources from all our global partners to help them make the best decision they can, when it's time to upgrade or improve.

Server

Supermicro, ASUS, intel, AMD, NVIDIA

Storage

Seagate, TrueNAS, DDN AI · BIG DATA · HPC, Micron, GRAID, Western Digital

Network

Juniper Networks, Cisco Meraki, aruba, NVIDIA Networking, Cisco

VIrtualisation

vmware, NUTANIX, Microsoft, Red Hat

Edge Computing

ASUS IoT, ADLINK

Software Licences

veeAM, vmware, Bitdefender, NVIDIA, Microsoft, Adobe, Juniper Apstra™, Juniper Mist™, Luxriot

How can we help?

System Design

We can customize the systems needed that are compatible with the software and your requirements.

Configuration

Our system configurator helps customers in designing a tailored computing solution

Installation

Ensure all components of the system are working together seamlessly

Maintenance & Support

Provide ongoing maintenance and 24/7 support services to ensure that the system is always up-to-date and running smoothly.

Quality Assurance

We conduct rigorous testing, ensuring compliance with industry standards, and soliciting feedback from end-users.

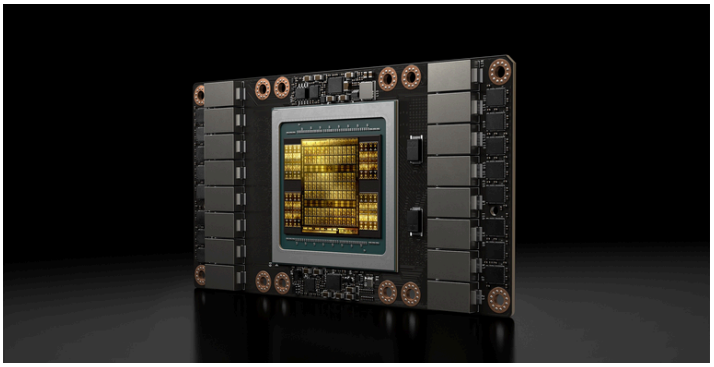
Cutting-edge Technology

Partnering with industry leaders, we provide the most advanced and innovative devices for your business' needs.

Hardware and Software

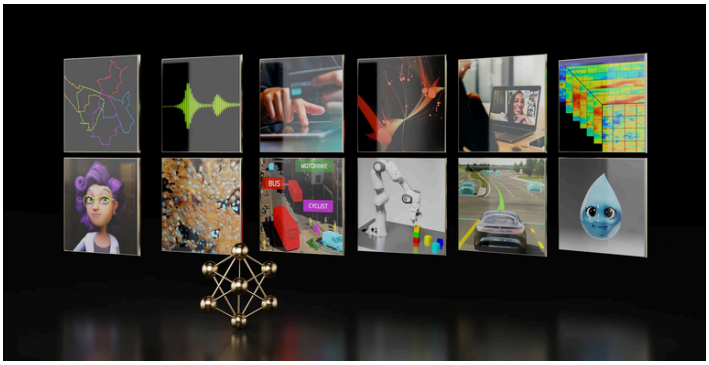
Discounts for Education

To better enable faculty, students, and researchers, NVIDIA provides discounts on hardware and software shown below.

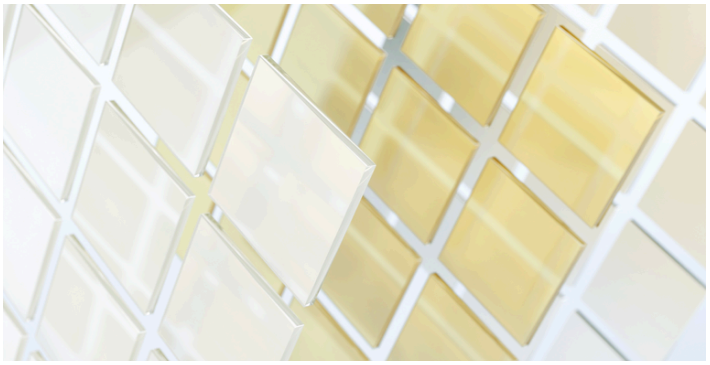


NVIDIA Data Center GPUs

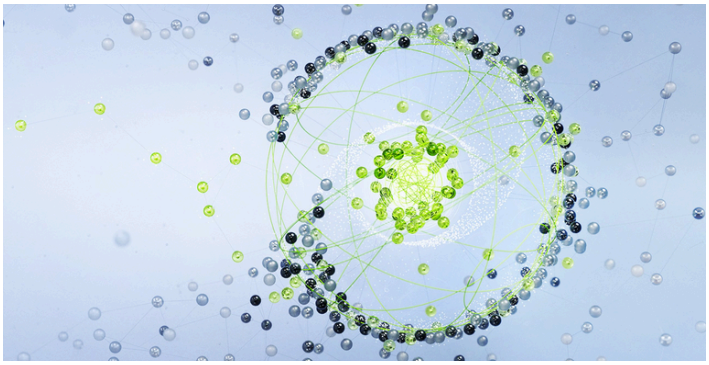
NVIDIA RTX



NVIDIA AI Enterprise Essentials



NVIDIA Virtual GPUs



NVIDIA Omniverse Enterprise

*T&C Applies and NVIDIA will have to approve the rebates and their amount on case by case scenario.

NVIDIA Inception Program

For Startups

NVIDIA Inception is a free program designed to help startups evolve faster through cutting-edge technology, opportunities to connect with venture capitalists, and access to the latest technical resources from NVIDIA.

Apply Now

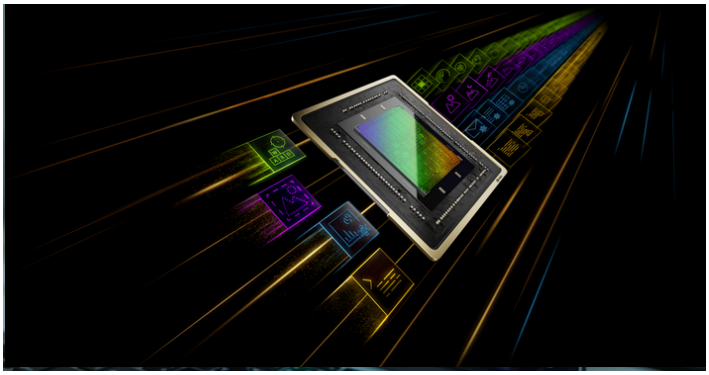
https://nvcrm.my.site.com/Inception/s/welcome

Program Benefits

Unlike traditional accelerators, NVIDIA Inception supports all stages of a startup's life cycle. We work closely with members to provide the best technical tools, latest resources, and opportunities to connect with investor

Expertise

- Startup portal access for all members of your team
- Free credits for self-paced courses through the NVIDIA Deep Learning Institute
- Discounted technical workshops through the NVIDIA Deep Learning Institute
- Unlimited access to the NVIDIA Developer Forums



Technology

- Preferred pricing on select hardware and software products (T&C Apply)
- Cloud credits through NVIDIA partners
- Monthly NVIDIA Inception newsletter

Venture Capital

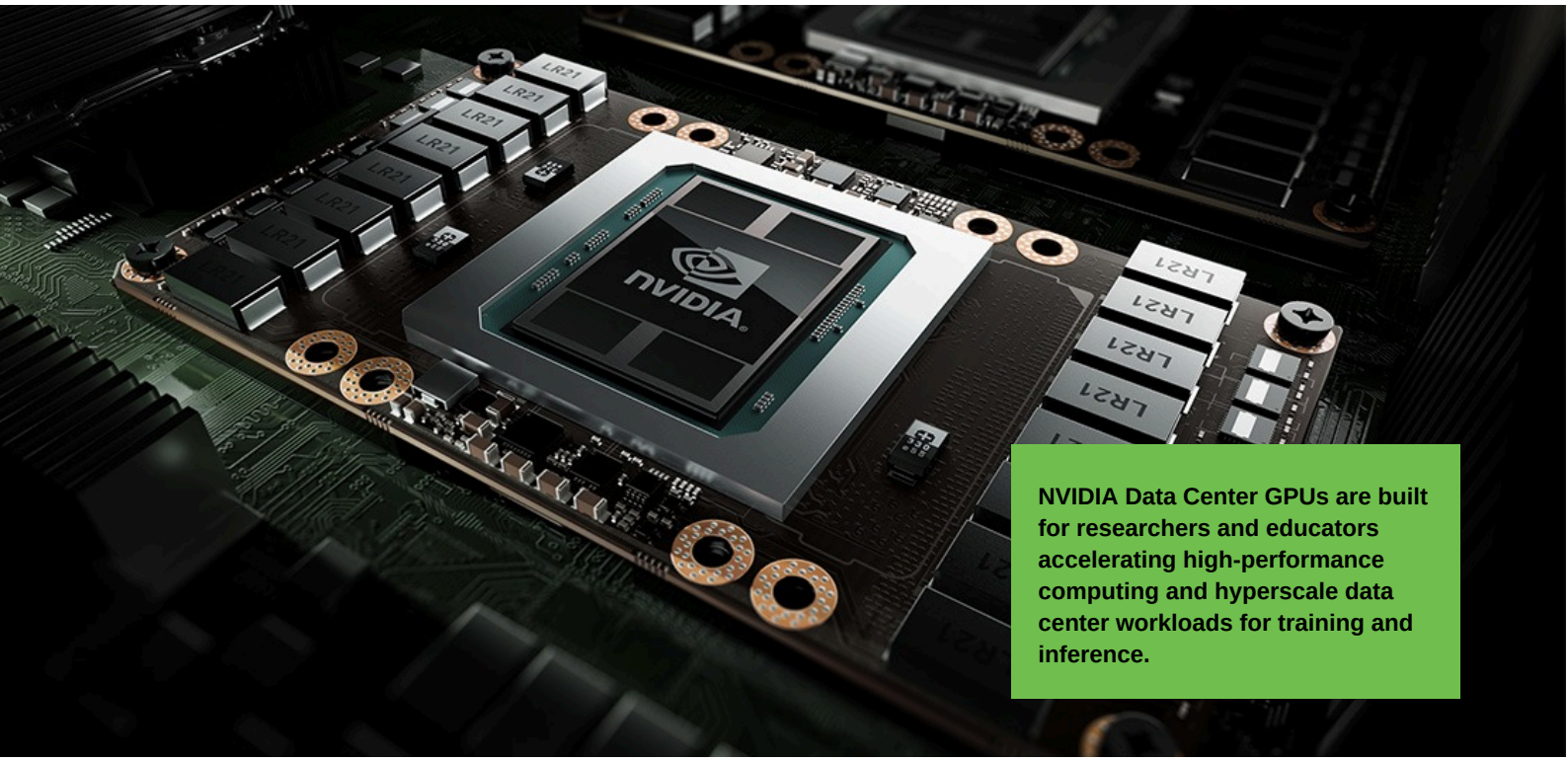
- Select members have the opportunity to connect with investors through Inception Capital Connect

Awareness

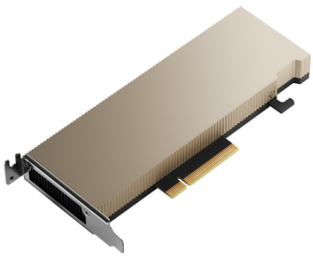
- Access to exclusive NVIDIA Inception events

Hardware Discounts

Data Center GPUs

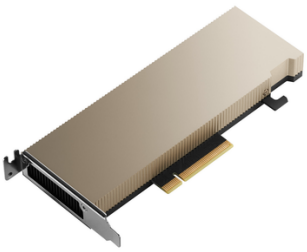


NVIDIA Data Center GPUs are built for researchers and educators accelerating high-performance computing and hyperscale data center workloads for training and inference.



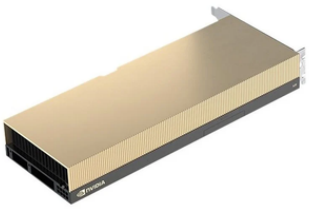
A2 TENSOR CORE

Entry-level GPU that brings NVIDIA AI to any server.



NVIDIA A16

Unprecedented user experience and density for graphics-rich VDI



NVIDIA A30 24GB

Versatile compute acceleration for mainstream enterprise servers

NVIDIA L40S

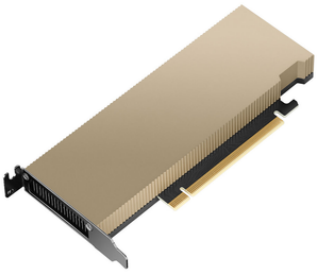
Unparalleled AI and graphics performance for the data center.

NVIDIA A40 PCIe 48GB

Powerful data center GPU for visual computing,

NVIDIA L40

Delivering unprecedented visual computing performance for the data center.



NVIDIA L4

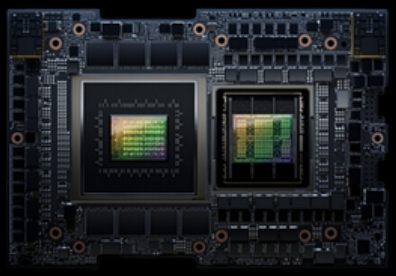
The breakthrough universal accelerator for efficient video, AI, and graphics.

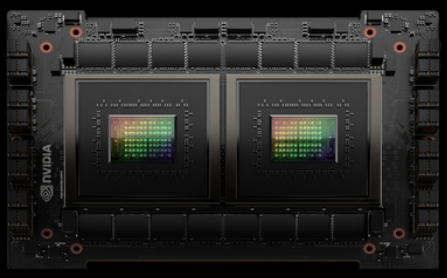
NVIDIA GPU	A2 Tensor Core	A16	A30	NVIDIA A40 PCIE
GPU Architecture	NVIDIA Ampere	NVIDIA Ampere	NVIDIA Ampere	NVIDIA Ampere
Memory Size	16GB GDDR6	64GB GDDR6 (16GB per GPU)	24GB HBM2	384-bit
Memory Bandwidth	200GB/s	4x 232 GB/s	933GB/s	696 GB/s
CUDA Cores	1280	5120 | 4x 1280	3804	10752
Tensor Cores	40 | Gen 3	160 | 4x 140	224	336 | Gen 3
Peak FP32 TFLOPS	4.5 TF	4x 4.5	10.3 TFLOPS	37.4
Peak FP64 TFLOPS			5.2TF	
NVLink	No	No	Yes	Yes
Power Consumption	40-60W	250W	165W	300 W

NVIDIA GPU	L40	L40s	L4
GPU Architecture	NVIDIA Ada Lovelace	NVIDIA Ada Lovelace	NVIDIA Ada Lovelace
Memory Size	48GB GDDR6 with ECC	48GB GDDR6 with ECC	24GB GDDR6
Memory Bandwidth	864GB/s	864GB/s	300 GB/s
CUDA Cores	18,176	18,176	7424
Tensor Cores	568	568	232
Peak FP32 TFLOPS	90.5 FLOPS	91.6 TFLOPS	30.3 TFLOPS
NVLink	No	No	No
Power Consumption	300W	350W	72W

NVIDIA Grace CPU

Purpose-built to solve the world's largest computing problems.





NVIDIA Grace CPU Superchip

The NVIDIA Grace CPU Superchip uses the NVLink-C2C technology to deliver 144 Arm Neoverse V2 cores and 1 terabyte per second (TB/s) of memory bandwidth.

NVIDIA Grace Hopper Superchip

The NVIDIA Grace Hopper™ Superchip combines the Grace and Hopper architectures using NVLink-C2C to deliver a CPU+GPU coherent memory model for accelerated AI and high-performance computing (HPC) applications.

NVIDIA GPU	NVIDIA Grace CPU Superchip	NVIDIA GH200 Grace Hopper Superchip
Core count	144 Arm Neoverse V2 Cores with 4x128b SVE2	72 Arm Neoverse V2 cores
L1 cache	64KB i-cache + 64KB d-cache	64KB i-cache + 64KB d-cache
L2 cache	1MB per core	1MB per core
L3 cache	228MB	114MB
Base Frequency | All-Core SIMD Frequenc	3.1 GHz | 3.0 GHz	3.1GHz | 3.0GHz
LPDDR5X size	240GB, 480GB, and 960GB on-module memory options	480GB 120GB, 240GB
Memory bandwidth	Up to 768 GB/s for 960GB Up to 1024 GB/s for 240GB, 480GB	Up to 384GB/s Up to 512GB/s
NVIDIA NVLink-C2C bandwidth	900GB/s	
PCIe links	Up to 8x PCIe Gen5 x16 option to bifurcate	Up to 4x PCIe x16 (Gen5)

NVIDIA H100

Extraordinary performance, scalability, and security for every data center.

Take an Order-of-Magnitude Leap in Accelerated Computing

The NVIDIA H100 Tensor Core GPU delivers exceptional performance, scalability, and security for every workload. With NVIDIA® NVLink® Switch System, up to 256 H100 GPUs can be connected to accelerate exascale workloads, while the dedicated Transformer Engine supports trillion-parameter language models. H100 uses breakthrough innovations in the NVIDIA Hopper™ architecture to deliver industry-leading conversational AI, speeding up large language models by 30X over the previous generation.

NVIDIA GPU	NVIDIA H100 NVL	NVIDIA H100
GPU Architecture	Hopper	Hopper
Memory Size	188GB HBM3	80GB HBM2e
Memory Bandwidth	3938 GB/sec	2.0 TB/sec
CUDA Cores	14592	14592
Tensor Cores	456 4th Gen	456 4th Gen
Peak FP64 Performance	68 TFLOPS	26 TFLOPS
Peak FP64 Tensor Core Performance	134 TFLOPS	51 TFLOPS
Peak FP32 Performance	134 TFLOPS	51 TFLOPS
Peak Tensor Float 32 (TF32) Performance	1979 TFLOPS | Sparsity	51 TFLOPS | Sparsity
Peak FP16 Performance	3958 TFLOPS | Sparsity	1513 TFLOPS | Sparsity
Peak Bfloat16 (BF16) Performance	3958 TFLOPS | Sparsity	1513 TFLOPS | Sparsity
Power Consumption	2x 350-400W (Configurable)	350 W

NVIDIA RTX

From breathtaking architectural and industrial design to advanced special effects and complex scientific visualization, NVIDIA RTX™ is the world's preeminent professional visual computing platform.

Higher Education Institutions can now take advantage of a special discount on NVIDIA GPUs, featuring the powerful NVIDIA RTX 6000 Ada Generation, NVIDIA RTX A6000, and NVIDIA RTX 5000 Ada. These professional and enterprise-level GPUs are designed to handle intensive tasks such as generative AI, visualization, data science, and high-performance computing (HPC) with ease.

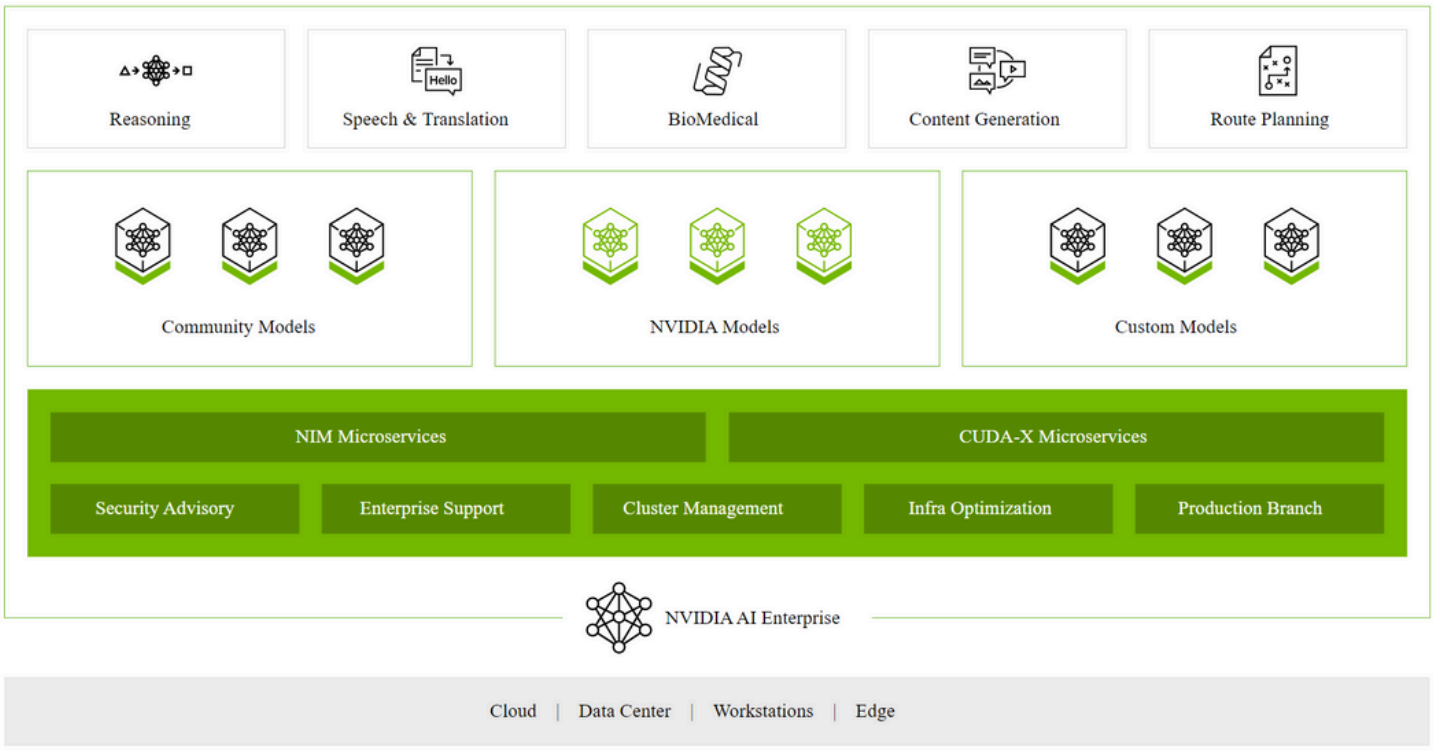
NVIDIA GPU	NVIDIA RTX 5000 Ada	NVIDIA RTX A6000	NVIDIA RTX 6000 Ada
GPU Memory	32GB GDDR6 with error-correction code (ECC)	48 GB GDDR6 with error-correcting code (ECC)	48GB GDDR6 with error-correcting code (ECC)
Display Ports	4x DisplayPort 1.4a*	4x DisplayPort 1.4a*	4x DisplayPort 1.4*
Max Power Consumption	250W	300 W	300 W
Graphics Bus	PCIe Gen4 x 16	PCI Express Gen 4 x 16	PCIe Gen 4 x 16
Form Factor	4.4” H x 10.5” L, dual slot	4.4” (H) x 10.5” (L) dual slot	4.4” (H) x 10.5” (L) dual-slot
Thermal	Active	Active	Active
AI Software Support**	NVIDIA AI EnterpriseSee the NVIDIA AI Enterprise Licensing Guide	2-way low profile (2-slot and 3-slot bridges)Connect 2 RTX A6000	NVIDIA AI EnterpriseSee the NVIDIA AI Enterprise Licensing Guide
vGPU Software Support**	NVIDIA vPC/vApps, NVIDIA RTX Virtual Workstation	NVIDIA vPC/vApps, NVIDIA RTX Virtual Workstation, NVIDIA Virtual Compute Server	NVIDIA vPC/vApps, NVIDIA RTX Virtual Workstation
vGPU Profiles Supported	See the Virtual GPU Licensing Guide	See the Virtual GPU Licensing Guide	See the Virtual GPU Licensing Guide
VR Ready	Yes	Yes	Yes

Software Discounts

NVIDIA AI Enterprise Essentials

The Software Platform for Enterprise Generative AI

NVIDIA AI Enterprise is an end-to-end, cloud-native software platform that accelerates data science pipelines and streamlines development and deployment of production-grade co-pilots and other generative AI applications. Easy-to-use microservices provide optimized model performance with enterprise-grade security, support, and stability to ensure a smooth transition from prototype to production for enterprises that run their businesses on AI.



Optimise Performance

Deploy With Confidence

Run Anywhere

Enterprise-Grade

Software Discounts

NVIDIA Omniverse Enterprise Software

Build tools and applications for 3D workflows based on OpenUSD.

With NVIDIA Omniverse Enterprise, developers build advanced, generative AI-enabled 3D tools and applications for industrial digitalization, speeding up product development, delivering more immersive customer experiences, and unlocking breakthrough operational efficiencies.

Key Attributes of Omniverse Enterprise

Scalable Visualization and Simulation

Create physically accurate visualizations and simulations of products and environments, reducing the time and costs of physical testing.

Easy-to-Use Suite of Developer Tools

Quickly create and deploy custom workflows and apps without extensive programming knowledge. Use sample reference applications to get started and focus on design and building.

Ecosystem of Application Building Blocks

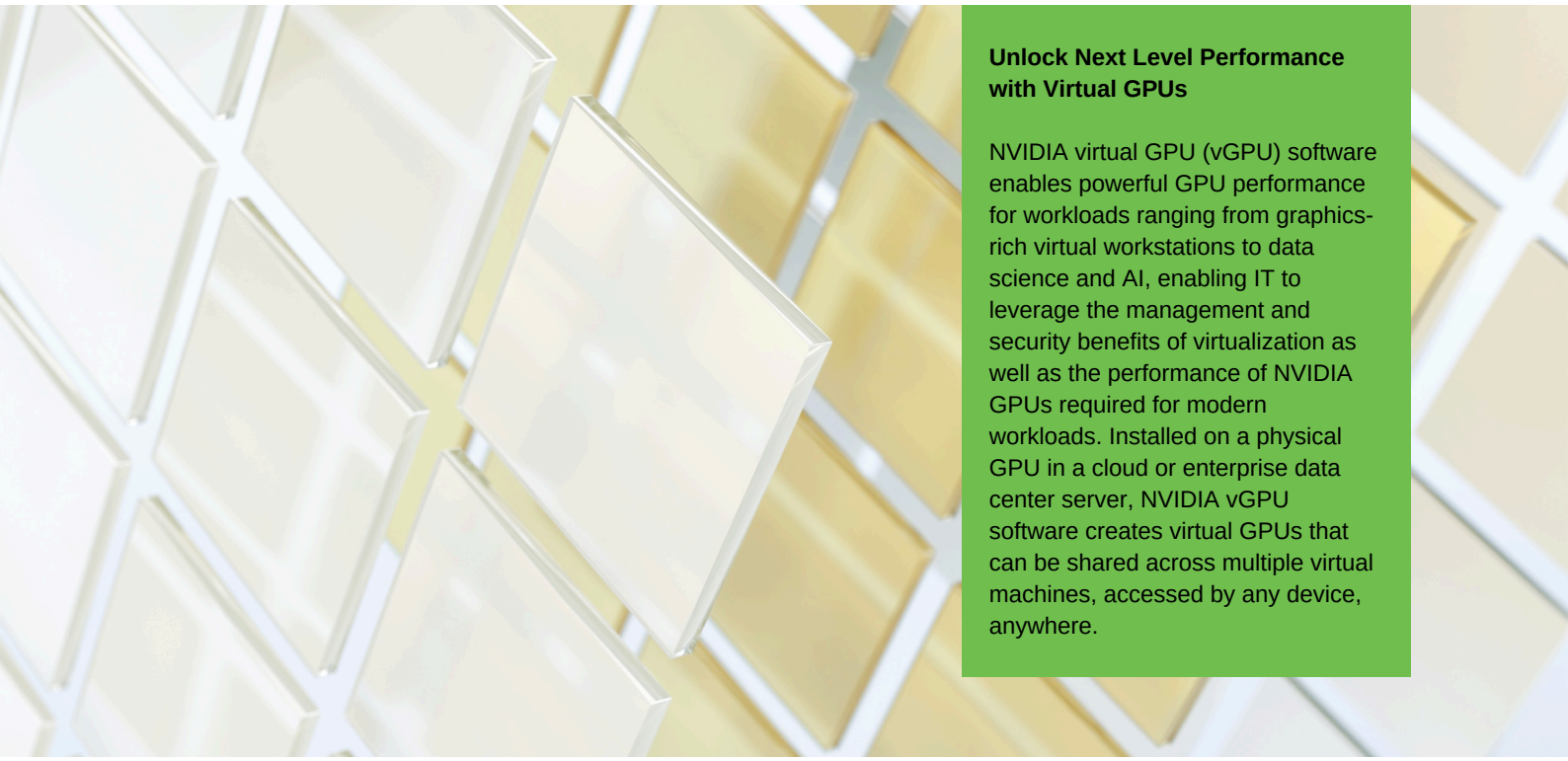
Connect to a rich catalog of industry-leading third-party extensions to integrate your tools seamlessly with proven applications and connectors.

Portal to AI

Embed AI into your tools and applications to automate repetitive tasks for users with predictive capabilities and natural language processing.

Software Discounts

Virtual GPUs



Unlock Next Level Performance with Virtual GPUs

NVIDIA virtual GPU (vGPU) software enables powerful GPU performance for workloads ranging from graphics-rich virtual workstations to data science and AI, enabling IT to leverage the management and security benefits of virtualization as well as the performance of NVIDIA GPUs required for modern workloads. Installed on a physical GPU in a cloud or enterprise data center server, NVIDIA vGPU software creates virtual GPUs that can be shared across multiple virtual machines, accessed by any device, anywhere.

Bare Metal Performance

Create physically accurate visualizations and simulations of products and environments, reducing the time and costs of physical testing.

Management & Monitoring

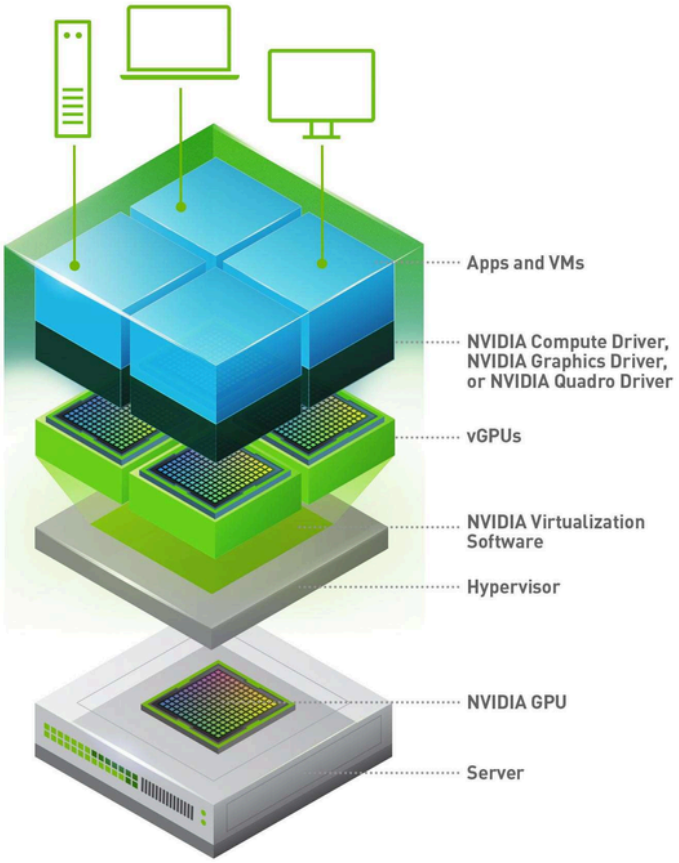
Leverage common data center management tools such as live migration.

Optimal Resource Utilization

Provision GPU resources with fractional or multi-GPU virtual machine (VM) instances.

Improve Business Continuity

Responsive to changing business requirements and remote teams.



Key Education User Groups

	Remote Labs for Architecture, Engineering, and Design Students	Remote Work for Administration, Staff, Faculty, Researchers and General Student Body
Use Cases	For accessing CAD or 3D animation software traditionally provided in on-campus labs, such as AutoCAD, SOLIDWORKS Maya, and MATL AB, any where, on any device. For enabling virtual labs to augment classroom learning	For general purpose VDI running Windows 11 and modern productivity applications, streaming video and multimedia, and using interactive learning platforms
Recommend	NVIDIA RTX vWS for Education on NVIDIA A40 (supports up to two 8K displays) NVIDIA vPC or vApps on NVIDIA A16 (suppor ts up to two 4K or one 5K display). NVIDIA vPC/vApps is included in the RT X vWS for Education license	NVIDIA vPC or vApps on NVIDIA A16 (suppor ts up to two 4K or one 5K display). NVIDIA vPC/vApps is included in the RT X vWS for Education license

Benefits for Educational Activities

Access educational resources anywhere on any device.

Foster new ways of learning

Virtualize classrooms and labs

Grow online and distance programs.

NVIDIA Virtual GPU Solutions & the Benefits

RTX vWS NVIDIA RTX Virtual Workstation (vWS) provides students remote lab access for their demanding applications with performance indistinguishable from physical workstations in labs.	**vPC/vApps** NVIDIA Virtual PC (vPC) and Virtual Applications (vApps) enable a high-quality virtual desktop experience for general purpose VDI and Windows 11 or Linux desktops for staff using office productivity applications and streaming video.
Supports multiple high resolution monitors, for example, up to four 5K or two 8K monitors, and large frame buffer sizes for increased productivity	Provides virtualized access to online training, teleconferencing, Skype, and other graphics-intensive applications
Reduces downtime, even during maintenance, with Live Migration	Supports increasing graphics requirements of Windows 11 and modern productivity applications
Centralizes data for better version control and more consistency	Supports multiple high resolution monitors, for example, up to four HD, two 4K, or one 5K monitor, for increased productivity
Eliminates the need to move large data sets across the network from servers to client machines—enabling faster load times	Delivers a cost-effective solution to scale VDI across your organization
Makes university resources remotely accessible anywhere, at any time, for any student	Enforces user security in the data center
Increases employee mobility	Increases employee mobility
Ensures operational resilience and disaster recovery	Lowers IT management costs; quickly cascades updates across the enterprise
	Supports Linux or Windows applications
Common Applications:	**Common Applications:**
• ANSYS • Autodesk AutoCAD • Dassault Systèmes SOLIDWORKS • ESRI ArcGIS • MATLAB • Siemens PLM NX	• Adobe Creative Cloud • Skype • Microsoft Office • core business applications (including streaming video, online training, and teleconferencing)

Workstation

Capable of Handling AI and Deep Learning Powered by NVIDIA

Essentials Workstation for AI/ML

Recommended Configuration	
Chassis	WRK-GS5A-754K
Motherboard	1x MB-ASU-MBA-Z790-A-CSM-PRIWF
GPU	1x GeForce RTX 4070Ti 12GB
CPU	Intel Core i9 14900k 24 Cores
CPU Cooler	CPUF-RL-KN360-B1
RAM	2x 64GB DDR5 4800 UDIMM NE STD 1
SSD	1TB-NVMe-M.2-1

Professional Workstation for AI/ML

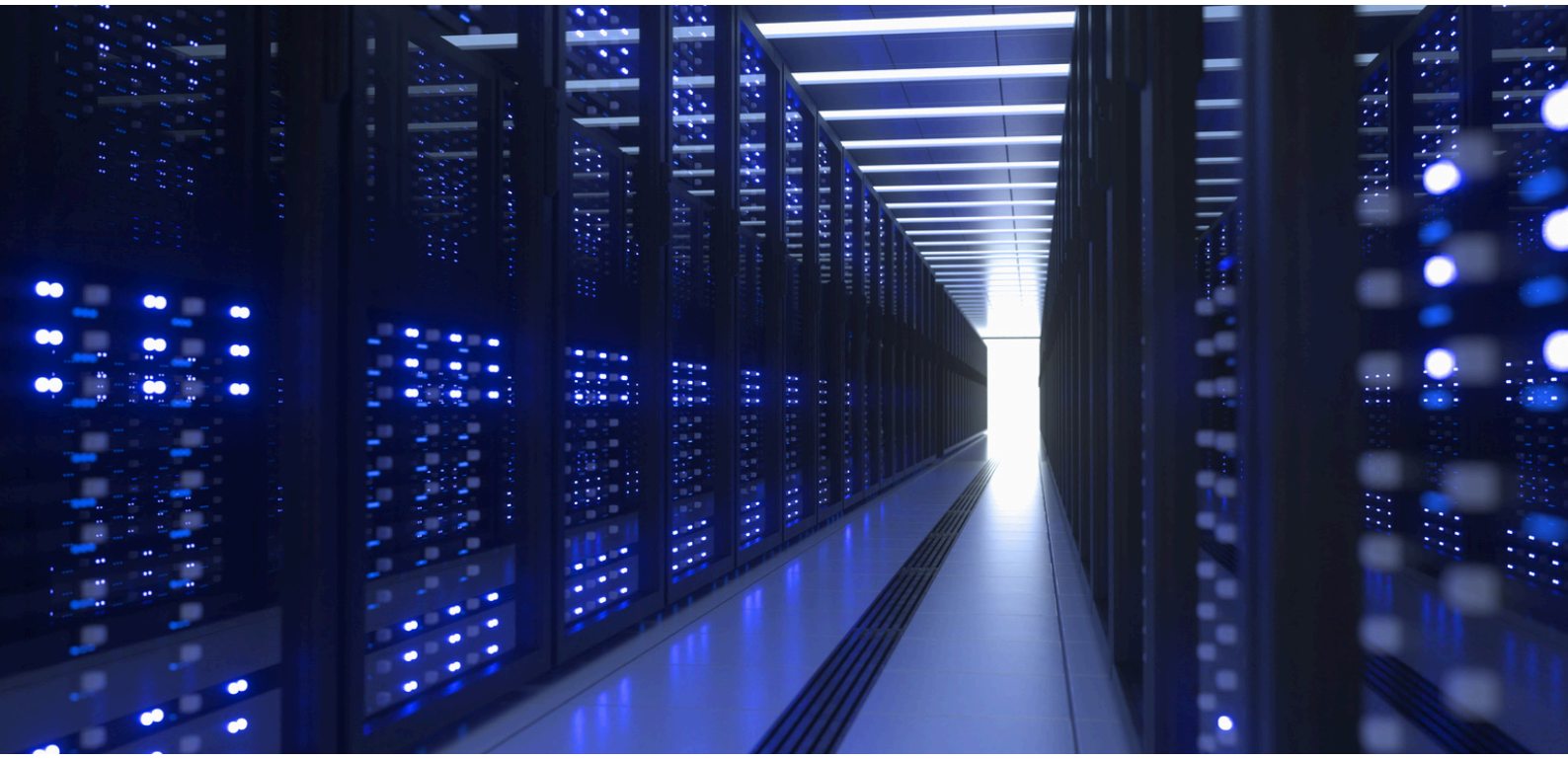
Recommended Configuration	
Chassis	CSPC-FD-C-MES2A-02
Motherboard	TRX50-AERO-D
GPU	NVIDIA RTX4090 8 or NVIDIA RTX 6000 ADA
CPU	AMD T-7970X 64 Cores B
CPU Cooler	CPUF-MLX-D36M-A18PK-T1
RAM	4x 64GB DDR5 4800 RDIMM E STD 1
SSD	1TB-NVMe-M.2-1
Power Supply	PS-CP-9020201-AU

Enterprise Rackmount Workstation for AI/ML

Recommended Configuration	
Chassis	2115HS-TNR
CPU	AMD Threadripper 7985WX
GPU	4x NVIDIA RTX4090-8 or NVIDIA RTX 6000 48GB
CPU Cooler	CPUF-RL-KN360-B1
RAM	8x 64GB-DDR5-4800-RDIMM-E-STD-1
SSD	1.92TB-NVMe-2.5-P

GPU Servers

Capable of Handling AI and Deep Learning Powered by NVIDIA



SYS-421GE-TNRT

Configuration	
Model	CSE-418G2TS-R5K40P
Motherboard	Super X13DEG-OA
Recommended GPU	8x H100 96GB NV
CPU	Dual 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
Memory	Max Memory (1DPC): Up to 4TB 5600MT/s ECC RDIMM Max Memory (2DPC): Up to 8TB 4400MT/s ECC DDR5 RDIMM
Drive Bays	Total 16 bay(s) 2 M.2 NVMe slot(s) (M-key)
System Cooling	Air & liquid cooling

SYS-421GU-TNXR

Configuration	
Model	CSE-458GTS-R3K06P
Form Factor	4U
Motherboard	Super X13DGU
Recommended GPU	4x H100 SXM4
CPU	Dual 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
Memory	Max Memory (2DPC): Up to 8TB 5600MT/s ECC DDR5
Drive Bays	Total 6 bay(s) 2 M.2 NVMe/SATA slot(s) (M-key)
System Cooling	Air & liquid cooling

SYS-821GE-TNHR

Configuration	
Model	CSE-GP801TS
Form Factor	8U Rackmount
Motherboard	Super X13DEG-OAD
Recommended GPU	8x H100 SXM4
CPU	Dual 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
Memory	Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 8TB 4400MT/s ECC DDR5 RDIMM
Drive Bays	Total 15 bay(s) 2 M.2 NVMe slot(s) (M-key)
System Cooling	Air & liquid cooling

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DiGiCOR

Thank You

Because, we're here to help

Let DiGiCOR be your first choice for your Enterprise Servers, Workstations, Storage solutions, IoT and Embedded, and Networking.

Depend on us as your local supplier.

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