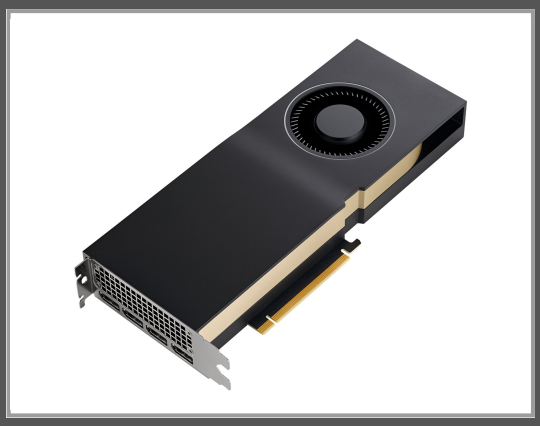
PNY NVIDIA RTX A5500 - Graphics card

RTX A5500 - 24 GB GDDR6 - PCIe 4.0 x16 - 4 x DisplayPort



Group	Graphics Cards
Manufacturer	PNY
Manufacturer item no.	VCNRTXA5500-PB
EAN/UPC	3536403390648

Description

NVIDIA RTX A5500 unleashes the power of the NVIDIA Ampere architecture with new levels of performance, capability, and collaboration for professionals, inspiring them to create without boundaries. Based on the NVIDIA Ampere architecture, second generation NVIDIA RTX technology enables artists, designers, engineers, and scientists to bring their imagination to life with enhanced real-time ray tracing, accelerated AI, advanced graphics and compute capabilities, virtualization, and photorealistic VR. With over 70 of the world's leading professional applications now accelerated by RTX technology, professionals can more quickly design and build immersive digital experiences.
Designed for demanding workloads, the NVIDIA RTX A5500 provides professionals the ability to simultaneously run multiple applications with smooth interactions and no impacts to performance. NVIDIA RTX A5500 delivers the stability, reliability, performance, and features required to build high-quality, immersive content and collaborate from anywhere. With 24 GB of GPU memory, expandable to 48GB with NVLink, the NVIDIA RTX A5500 easily handles large models, datasets, 3D renders, and complex scenes with higher fidelity and interactivity, helping users unlock their imagination and creativity from their desktops.

Main features

Product Description	NVIDIA RTX A5500 - graphics card - RTX A5500 - 24 GB
Device Type	Graphics card
Bus Type	PCI Express 4.0 x16
Graphics Engine	NVIDIA RTX A5500
Memory	24 GB GDDR6
CUDA Cores	10240
Memory Interface	384-bit
Max Resolution	7680 x 4320
Max Monitors Supported	4
Interfaces	4 x DisplayPort (version 1.4a)
API Supported	OpenGL, DirectX, Vulkan
Dimensions (WxDxH)	26.7 cm x 11.2 cm

Extended details

	General
Device Type	Graphics card
Bus Type	PCI Express 4.0 x16
Graphics Engine	NVIDIA RTX A5500

Process Technology	8 nm
Max Resolution	7680 x 4320 at 60 Hz
Max Monitors Supported	4
Interfaces	4 x DisplayPort (version 1.4a)
API Supported	OpenGL, DirectX, Vulkan
Features	Nvidia GeForce 3D Stereo technology, Nvidia CUDA technology, Nvidia 3D Vision technology, Error Correcting Codes (ECC) Memory, NVIDIA Mosaic, Nvidia 3D Vision Pro, OpenGL Quad Buffered Stereo Support, Nvidia GPUDirect, NVIDIA NVLink technology, Nvidia SLI with RTX NVLink Bridge, 320 NVIDIA Tensor Cores, NVDEC support, NVIDIA Ampere GPU technology, NVENC support, NVIDIA RTX IO, 2nd gen Ray Tracing Cores, 3rd gen Tensor Cores, 80 NVIDIA RT Cores, 34.1 Tflops of single-precision, 66.6 Tflops RT Core performance, 272.8 Tflops tensor performance, Nvidia RTX Desktop Manager, Nvidia Virtual GPU
	Memory
Size	24 GB
Technology	GDDR6 SDRAM
Bus Width	384-bit
Bandwidth	768 GBps
	System Requirements
OS Required	Red Hat Linux 7.x, Ubuntu 18.04, openSUSE 15, Linux Fedora 31, SUSE Linux Enterprise Desktop 15.x, FreeBSD 11.x, Windows 11
Min Processor Type	Intel Core i5
Min RAM Size	24 GB
Additional Requirements	8 pin PCI Express power connector
	Miscellaneous
Power Consumption Operational	230 Watt
Included Accessories	8 pin power cable
Compliant Standards	RoHS
Depth	26.7 cm
Height	11.2 cm