PNY NVIDIA RTX A4500 - Graphics card

RTX A4500 - 20 GB GDDR6 - PCIe 4.0 x16 - 4 x DisplayPort - retail

Group	Graphics Cards
Manufacturer	PNY
Manufacturer item no.	VCNRTXA4500-PB
EAN/UPC	3536403388836

Description

The NVIDIA RTX A4500 delivers the power, performance, capabilities, and reliability professionals need to do more. Powered by latest generation of NVIDIA RTX technology, combined with 20GB of ultra-fast GPU memory, the A4500 provides amazing performance with your favorite applications and the capability to work with larger models, renders, datasets, and scenes with higher fidelity and greater interactivity, taking your work to the next level.
With the introduction of the NVIDIA Ampere architecture, the next generation of NVIDIA RTX became available to millions of professionals. Featuring enhanced real-time ray tracing, accelerated AI, and advanced graphics and compute capabilities, the NVIDIA Ampere architecture enables artists, designers, engineers, and scientists to create tomorrow, today. And as the adoption of RTX technology continues to grow, with over 70 of the world's leading professional applications now accelerated by RTX technology, professionals are empowered to design, build, and entertain unlike ever before.

Main features

Product Description	NVIDIA RTX A4500 - graphics card - RTX A4500 - 20 GB
Device Type	Graphics card
Bus Type	PCI Express 4.0 x16
Graphics Engine	NVIDIA RTX A4500
Memory	20 GB GDDR6
CUDA Cores	7168
Memory Interface	320-bit
Max Resolution	7680 x 4320
Max Monitors Supported	4
Interfaces	4 x DisplayPort ¦ DVI-D (Single-Link) - with adapter
API Supported	OpenCL, DirectCompute, OpenGL 4.68, DirectX 12.07, Vulkan 1.2, Shader Model 5.17
Dimensions (WxDxH)	26.67 cm x 11.18 cm
Package Type	Retail
Environmental Standards	ENERGY STAR Qualified

Extended details

	General
Device Type	Graphics card
Bus Type	PCI Express 4.0 x16
Graphics Engine	NVIDIA RTX A4500

Max Resolution	7680 x 4320 at 60 Hz
Max Monitors Supported	4
Interfaces	4 x DisplayPort ¦ DVI-D (Single-Link) - with adapter
API Supported	OpenCL, DirectCompute, OpenGL 4.68, DirectX 12.07, Vulkan 1.2, Shader Model 5.17
Features	Nvidia CUDA technology, NVIDIA Mosaic, Nvidia GPUDirect, 2-slot Fan Cooler
	Memory
Size	20 GB
Technology	GDDR6 SDRAM
Bus Width	320-bit
Bandwidth	640 GBps
	System Requirements
OS Required	Oracle Solaris 11, Red Hat Enterprise Linux 7.x, Windows 10 64-bit Edition, Ubuntu 18.04, openSUSE 15, Linux Fedora 31, SUSE Linux Enterprise Desktop 15.x, FreeBSD 11.x
Additional Requirements	8 pin PCI Express power connector
	Miscellaneous
Power Consumption Operational	200 Watt
Cables Included	1 x DisplayPort to DVI-D (SL) adapter
Compliant Standards	RoHS, DisplayPort 1.4, HDCP 2.2
Depth	26.67 cm
Height	11.18 cm
Package Type	Retail
	Environmental Standards
ENERGY STAR Certified	Yes
	Manufacturer Warranty
Service & Support	Limited warranty - 3 years

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