

NVIDIA RTX 6000 Ada - graphics card - NVIDIA RTX 6000 Ada - 48 GB



21-08-2024

SKU	VCNRTX6000ADA-PB
Product Description:	NVIDIA RTX 6000 Ada - graphics card - NVIDIA RTX 6000 Ada - 48 GB
Device Type:	Graphics card
Bus Type:	PCI Express 4.0 x16
Graphics Engine:	NVIDIA RTX 6000 Ada
Memory:	48 GB GDDR6
CUDA Cores:	18176
Memory Interface:	384-bit

General

Device Type:	Graphics card
Bus Type:	PCI Express 4.0 x16
Graphics Engine:	NVIDIA RTX 6000 Ada
CUDA Cores:	18176
Process Technology:	4 nm
Max Resolution:	7680 x 4320 at 60 Hz
Max Monitors Supported:	4
Interfaces Details:	4 x DisplayPort (version 1.4a)
API Supported:	OpenGL, DirectX, Vulkan

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Power Consumption Operational:	300 Watt
Included Accessories:	8 pin power cable

System Requirements

OS Required:	Red Hat 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

Memory

Size:	48 GB
Technology:	GDDR6 SDRAM
Bus Width:	384-bit
Bandwidth:	768 GBps

General

Features:

Nvidia GeForce 3D Stereo technology, Nvidia CUDA technology, Nvidia 3D Vision technology, Error Correcting Codes (ECC) Memory, NVIDIA Mosaic, Nvidia SLI ready, Nvidia 3D Vision Pro, OpenGL Quad Buffered Stereo Support, Nvidia GPUDirect, Quadro Sync 2, NVIDIA NVLink technology, NVDEC support, NVIDIA Ampere GPU technology, 84 NVIDIA RT Cores, 336 NVIDIA Tensor Cores, NVENC support, NVIDIA RTX IO, 2nd gen Ray Tracing Cores, 3rd gen Tensor Cores, 38.7 Tflops peak single-precision floating point performance, 309.7 Tflops tensor performance, 75.6 Tflops RT Core performance, Nvidia RTX Desktop Manager, Nvidia Virtual GPU