

NVIDIA RTX 4000 Ada Generation - graphics card - RTX 4000 Ada - 20 GB



13-08-2024

SKU	VCNRTX4000ADALP-PB
Product Description:	NVIDIA RTX 4000 Ada Generation - graphics card - RTX 4000 Ada - 20 GB
Device Type:	Graphics card
Bus Type:	PCI Express 4.0 x16
Graphics Engine:	NVIDIA RTX 4000 Ada
Memory:	20 GB GDDR6
CUDA Cores:	6144
Memory Interface:	160-bit



General

Device Type:	Graphics card
Bus Type:	PCI Express 4.0 x16
Graphics Engine:	NVIDIA RTX 4000 Ada
CUDA Cores:	6144
Process Technology:	4 nm
VR Ready:	Yes
Max Resolution:	4096 x 2160 at 60 Hz
Max Monitors Supported:	4
Interfaces Details:	4 x DisplayPort (version 1.4a)
API Supported:	DirectX 12, OpenGL 4.6, Vulkan 1.3, Shader Model 6.6

Features:

Error Correcting Codes (ECC) Memory, NVIDIA Mosaic, Quadro Sync, Nvidia GPUDirect, 3D Stereo Connectivity, NVIDIA NVLink technology, 48 NVIDIA RT Cores, NVDEC support, NVIDIA RTX IO, AV1 decode support, NVIDIA Ada Lovelace GPU technology, AV1 encode support, NVIDIA GPUDirect Remote Direct Memory Access (RDMA) support, 19.2 Tflops peak single-precision floating point performance, HDCP

Miscellaneous

Power Consumption Operational:	70 Watt
Compliant Standards:	DisplayPort 1.4a

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, Microsoft Windows 11
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Memory

Size:	20 GB
Technology:	GDDR6 SDRAM
Bus Width:	160-bit
Bandwidth:	320 GBps

