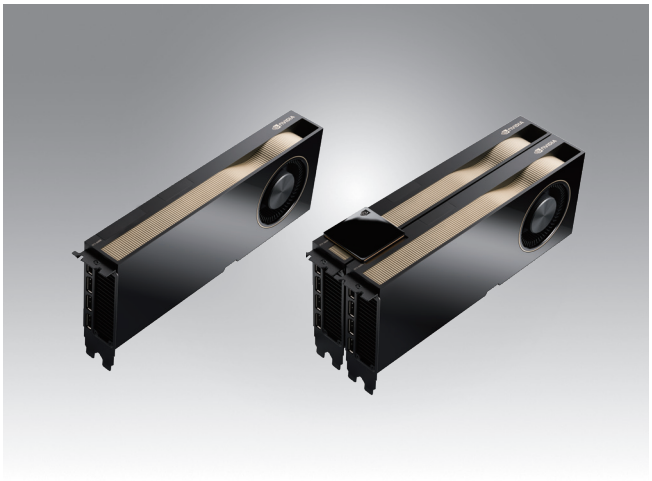
SKY-QUAD-RTXA6000

NVIDIA® RTX A6000



Features

- NVIDIA Ampere GPU architecture
- 10,752 NVIDIA® CUDA® Cores
- 336 NVIDIA® Tensor Cores
- 84 NVIDIA® RT Cores
- 48GB GDDR6 memory with ECC
- Up to 768GB/s memory bandwidth
- Max. power consumption: 300W
- Graphics bus: PCI-E 4.0 x16
- Thermal solution: active
- Display connectors: DP 1.4 (4)

Introduction

With cutting-edge performance and features, the SKY-QUAD-RTXA6000B (NVIDIA RTX A6000) is built on the NVIDIA Ampere GPU architecture, fulfilling the most requirements of graphics and compute-intensive tasks for designers, engineers, scientists, and artists to support their innovative solutions. The RTX A6000 is equipped with the latest generation RT cores, Tensor cores, and CUDA® cores for realizing AI, graphics, compute performance, and immersive entertainment design. Certified by a wide range of specialist applications, tested by dominant independent software vendors (ISVs) and workstation manufacturers, and supported by a global specialist team, NVIDIA RTX is the first choice for high-standard visual computing solutions in enterprise deployments.

Specifications

Product Name	NVIDIA RTX A6000
Part Number	SKY-QUAD-RTXA6000B
GPU Memory	48 GB GDDR6
Memory Interface	384-bit
Memory Bandwidth	768 GB/s
NVIDIA CUDA Cores	10,752
Single-Precision Performance	38.7 TFLOPS
System Interface	PCI Express 4.0 x16
Max Power Consumption	300 W
Thermal Solution	Active
Form Factor	4.4 inches H x 10.5 inches L, dual slot, full height
Display Connectors	4 x DisplayPort 1.4a
Max Simultaneous Displays	4 x 4096 x 2160 @ 120 Hz 4 x 5120 x 2880 @ 60 Hz 2 x 7680 x 4320 @ 60 Hz
Graphics APIs	DirectX 12.07 Shader Model 5.17 OpenGL 4.68 Vulkan 1.18
Compute APIs	CUDA, DirectCompute, OpenCL™

All product specifications are subject to change without notice.