SKY-QUAD-A2000E12B

NVIDIA RTX A2000E 12 GB



Features

- NVIDIA Ampere GPU architecture
- NVIDIA Long-life SKU, Product Life Extended Until 2029
- 3,328 NVIDIA® CUDA® Cores
- 104 NVIDIA® Tensor Cores
- 26 NVIDIA® RT Cores
- 12GB GDDR6 Memory with ECC
- Up to 288GB/s Memory Bandwidth
- Max. Power Consumption: 70W
- Graphics Bus: PCI-E 4.0 x16
- Thermal Solution: Active
- Display Connectors: mDP 1.4a

Introduction

Providing longevity supply with cutting-edge performance and features, the SKY-QUAD-A2000E12B (NVIDIA RTX A2000E 12GB) 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 breakthroughs. The RTX A2000E is equipped with the latest generation RT Cores, Tensor Cores, and CUDA® cores for realizing AI, graphics, compute performance, and immersive entertainment design. With certified by a wide range of specialist applications, examed 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

Part Number	SKY-QUAD-A2000E12B
Model Name	NVIDIA RTX A2000E 12 GB
GPU Memory	12 GB GDDR6
Memory Interface	192-bit
Memory Bandwidth	288 GB/s
NVIDIA CUDA Cores	3,328
Tensor Cores	104
RT Cores	26
Single-Precision Performance	8.0 TFLOPS
System Interface	PCI Express 4.0 x16
Max Power Consumption	70 W
Thermal Solution	Active
Form Factor	2.7 inches H x 6.6 inches L, dual slot
Display Connectors	4x mDP 1.4a
Max Simultaneous Displays	4x 4096 x 2160 @ 120 Hz 4x 5120 x 2880 @ 60 Hz 2x 7680 x 4320 @ 60 Hz
Graphics APIs	DirectX 12.07 Shader Model 5.17 OpenGL 4.68 Vulkan 1.2
Compute APIs	CUDA, DirectCompute, OpenCL™

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