

# SKY-QUAD-2000EA-16

## NVIDIA RTX 2000E Ada



### Features

- NVIDIA Ada Lovelace GPU architecture
- 2,816 NVIDIA CUDA Cores
- 88 Tensor Cores (4th gen)
- 22 RT Cores (3th gen)
- GDDR6 memory with ECC
- NVIDIA GPUDirect Remote Direct Memory Access (RDMA) support
- Long life availability
- Graphics bus: PCI-E 4.0 x8

### Introduction

The NVIDIA RTX 2000E Ada Generation delivers hardware-accelerated real-time ray tracing, AI-accelerated compute, and high-performance graphics to creative professionals in low profile, single slot form factor workstations. Based on the NVIDIA Ada Lovelace architecture, the VR ready NVIDIA RTX 2000E Ada Generation combines 22 third-generation NVIDIA® TensorRT™ cores, 88 fourth-generation tensor cores, and 2,816 next-generation NVIDIA® CUDA cores. As well as 16 GB of GDDR6 graphics memory with error correction code (ECC) support. With the adoption of NVIDIA RTX technology, professionals are empowered to design bigger, render faster, and work better with NVIDIA RTX 2000E Ada Generation.

### Specifications

Product Name	NVIDIA RTX 2000E Ada
Part Number	SKY-QUAD-2000EA-16
GPU Memory	16 GB GDDR6 with ECC
Memory Interface	128-bit
Memory Bandwidth	224 GB/s
NVIDIA CUDA Cores	2,816
Tensor Cores	88
RT Cores	22
Single-Precision Performance	8.87 TFLOPS
System Interface	PCI Express 4.0 x 8
Max Power Consumption	50W
Thermal Solution	Active
Form Factor	2.7 inches (H) x 6.6 inches (L) single slot, low profile
Display Connectors	4x Mini DisplayPort 1.4a with latching mechanism
Max Simultaneous Displays	4 x 4096 x 2160 @ 120 Hz 4 x 5120 x 2880 @ 60 Hz 2 x 7680 x 4320 @ 30 Hz
Graphics APIs	DirectX 12.07 Shader Model 6.6 OpenGL 4.68 Vulkan 1.3
Compute APIs	CUDA, DirectCompute, OpenCL™
Power Connector	-
Power Adapter Cable Included	-
Power Adapter Interface	-