# 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

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|---|---|
| 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<br>4 x 5120 x 2880 @ 60 Hz<br>2 x 7680 x 4320 @ 30 Hz |
| Graphics APIs | DirectX 12.07<br>Shader Model 6.6<br>OpenGL 4.68<br>Vulkan 1.3 |
| Compute APIs | CUDA, DirectCompute,<br>OpenCL™ |
| Power Connector | - |
| Power Adapter Cable Included | - |
| Power Adapter Interface | - |

https://advavee.com



All product specifications are subject to change without notice.