NVIDIA GeForce RTX 4070 Ti SUPER 16GB vs NVIDIA RTX 5000 Ada 32GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA RTX 5000 Ada 32GB
FP32 TFLOPS	**44.1**	**65.3**
Memory	**16 GB**	**32 GB**
Memory Bandwidth	**—**	**576 GB/s**
TDP	**285 W**	**250 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4070 Ti SUPER 16GB peak TFLOPS (dense)	NVIDIA RTX 5000 Ada 32GB peak TFLOPS (dense)
FP64	0.7	—
FP32	44.1	65.3
TF32	44.1	—
BF16	88.2	—
FP16	88.2	—
FP8	176.4	522.2
FP6	—	—
FP4	—	—
INT8	352.8	—

SPECIFICATIONS

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA RTX 5000 Ada 32GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6X	—

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA RTX 5000 Ada 32GB
Interface Width	256-bit	256-bit
Interconnect	–	–
TDP	285 W	250 W
FP32 Efficiency	0.15 TFLOPS/W	0.26 TFLOPS/W