NVIDIA GeForce RTX 4070 SUPER 12GB vs NVIDIA RTX 5000 Ada 32GB

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

OVERVIEW

	NVIDIA GeForce RTX 4070 SUPER 12GB	NVIDIA RTX 5000 Ada 32GB
FP32 TFLOPS	**35.5**	**65.3**
Memory	**12 GB**	**32 GB**
Memory Bandwidth	**—**	**576 GB/s**
TDP	**220 W**	**250 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4070 SUPER 12GB peak TFLOPS (dense)	NVIDIA RTX 5000 Ada 32GB peak TFLOPS (dense)
FP64	0.6	—
FP32	35.5	65.3
TF32	35.5	—
BF16	71.0	—
FP16	71.0	—
FP8	141.9	522.2
FP6	—	—
FP4	—	—
INT8	283.9	—

SPECIFICATIONS

	NVIDIA GeForce RTX 4070 SUPER 12GB	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 SUPER 12GB	NVIDIA RTX 5000 Ada 32GB
Interface Width	192-bit	256-bit
Interconnect	–	–
TDP	220 W	250 W
FP32 Efficiency	0.16 TFLOPS/W	0.26 TFLOPS/W