

NVIDIA GeForce RTX 4060 Ti 8GB vs NVIDIA GeForce RTX 4090 24GB

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

OVERVIEW

	NVIDIA GeForce RTX 4060 Ti 8GB	NVIDIA GeForce RTX 4090 24GB
FP32 TFLOPS	22.1	82.6
VRAM	8 GB	24 GB
Memory Bandwidth	—	1.0 TB/s
TDP	160 W	450 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4060 Ti 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 4090 24GB peak TFLOPS (dense)
FP64	0.3	1.3
FP32	22.1	82.6
TF32	22.1	82.6
BF16	44.1	165.2
FP16	44.1	165.2
FP8	88.3	330.3
FP6	—	—
FP4	—	—
INT8	176.5	660.6

SPECIFICATIONS

	NVIDIA GeForce RTX 4060 Ti 8GB	NVIDIA GeForce RTX 4090 24GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2023	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6	—
Interface Width	128-bit	—

	NVIDIA GeForce RTX 4060 Ti 8GB	NVIDIA GeForce RTX 4090 24GB
Interconnect	—	—
TDP	160 W	450 W
FP32 Efficiency	0.14 TFLOPS/W	0.18 TFLOPS/W