

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

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

OVERVIEW

	NVIDIA GeForce RTX 4060 8GB	NVIDIA GeForce RTX 4090 D 24GB
FP32 TFLOPS	15.1	73.5
VRAM	8 GB	24 GB
Memory Bandwidth	—	—
TDP	115 W	425 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4060 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 4090 D 24GB peak TFLOPS (dense)
FP64	0.2	1.1
FP32	15.1	73.5
TF32	15.1	73.5
BF16	30.2	147.1
FP16	30.2	147.1
FP8	60.5	294.2
FP6	—	—
FP4	—	—
INT8	120.9	588.4

SPECIFICATIONS

	NVIDIA GeForce RTX 4060 8GB	NVIDIA GeForce RTX 4090 D 24GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6X
Interface Width	128-bit	384-bit

	NVIDIA GeForce RTX 4060 8GB	NVIDIA GeForce RTX 4090 D 24GB
Interconnect	—	—
TDP	115 W	425 W
FP32 Efficiency	0.13 TFLOPS/W	0.17 TFLOPS/W