



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

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

OVERVIEW

	NVIDIA GeForce RTX 4090 D 24GB	NVIDIA GeForce RTX 4090 24GB
FP32 TFLOPS	73.5	82.6
VRAM	24 GB	24 GB
Memory Bandwidth	—	1.0 TB/s
TDP	425 W	450 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4090 D 24GB peak TFLOPS (dense)	NVIDIA GeForce RTX 4090 24GB peak TFLOPS (dense)
FP64	1.1	1.3
FP32	73.5	82.6
TF32	73.5	82.6
BF16	147.1	165.2
FP16	147.1	165.2
FP8	294.2	330.3
FP6	—	—
FP4	—	—
INT8	588.4	660.6

SPECIFICATIONS

	NVIDIA GeForce RTX 4090 D 24GB	NVIDIA GeForce RTX 4090 24GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2023	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6X	—

	NVIDIA GeForce RTX 4090 D 24GB	NVIDIA GeForce RTX 4090 24GB
Interface Width	384-bit	—
Interconnect	—	—
TDP	425 W	450 W
FP32 Efficiency	0.17 TFLOPS/W	0.18 TFLOPS/W