

NVIDIA GeForce RTX 5060 8GB vs NVIDIA GeForce RTX 5090 32GB

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

OVERVIEW

	NVIDIA GeForce RTX 5060 8GB	NVIDIA GeForce RTX 5090 32GB
FP32 TFLOPS	19.2	104.8
VRAM	8 GB	32 GB
Memory Bandwidth	448 GB/s	1.8 TB/s
TDP	145 W	575 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 5060 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 5090 32GB peak TFLOPS (dense)
FP64	0.3	1.6
FP32	19.2	104.8
TF32	19.2	104.8
BF16	38.4	209.5
FP16	76.8	419.1
FP8	153.5	838.2
FP6	—	—
FP4	307.0	1676.0
INT8	153.5	838.2

SPECIFICATIONS

	NVIDIA GeForce RTX 5060 8GB	NVIDIA GeForce RTX 5090 32GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025
Form Factor	PCIe	PCIe
Memory Type	GDDR7	GDDR7
Interface Width	128-bit	512-bit

	NVIDIA GeForce RTX 5060 8GB	NVIDIA GeForce RTX 5090 32GB
Interconnect	—	—
TDP	145 W	575 W
FP32 Efficiency	0.13 TFLOPS/W	0.18 TFLOPS/W