

NVIDIA GeForce RTX 5060 Ti 16GB vs NVIDIA GeForce RTX 5090 32GB

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

OVERVIEW

	NVIDIA GeForce RTX 5060 Ti 16GB	NVIDIA GeForce RTX 5090 32GB
FP32 TFLOPS	23.7	104.8
VRAM	16 GB	32 GB
Memory Bandwidth	448 GB/s	1.8 TB/s
TDP	180 W	575 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 5060 Ti 16GB peak TFLOPS (dense)	NVIDIA GeForce RTX 5090 32GB peak TFLOPS (dense)
FP64	0.4	1.6
FP32	23.7	104.8
TF32	23.7	104.8
BF16	47.4	209.5
FP16	94.9	419.1
FP8	189.8	838.2
FP6	—	—
FP4	379.5	1676.0
INT8	189.8	838.2

SPECIFICATIONS

	NVIDIA GeForce RTX 5060 Ti 16GB	NVIDIA GeForce RTX 5090 32GB
Architecture	Blackwell	Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025
Form Factor	PCIe	PCIe
Memory Type	GDDR7	GDDR7

	NVIDIA GeForce RTX 5060 Ti 16GB	NVIDIA GeForce RTX 5090 32GB
Interface Width	128-bit	512-bit
Interconnect	—	—
TDP	180 W	575 W
FP32 Efficiency	0.13 TFLOPS/W	0.18 TFLOPS/W