

AMD Radeon RX 7900 GRE 16GB vs NVIDIA GeForce RTX 5060 Ti 16GB

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

OVERVIEW

	AMD Radeon RX 7900 GRE 16GB	NVIDIA GeForce RTX 5060 Ti 16GB
FP32 TFLOPS	46.0	23.7
Memory	16 GB	16 GB
Memory Bandwidth	576 GB/s	448 GB/s
TDP	260 W	180 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)	NVIDIA GeForce RTX 5060 Ti 16GB peak TFLOPS (dense)
FP64	—	0.4
FP32	46.0	23.7
TF32	—	23.7
BF16	—	47.4
FP16	92.0	94.9
FP8	—	189.8
FP6	—	—
FP4	—	379.5
INT8	92.0	189.8
INT4	184.0	—

SPECIFICATIONS

	AMD Radeon RX 7900 GRE 16GB	NVIDIA GeForce RTX 5060 Ti 16GB
Architecture	RDNA 3	Blackwell
Process Node	5nm	4nm
Launch Year	2023	2025
Form Factor	PCIe	PCIe

	AMD Radeon RX 7900 GRE 16GB	NVIDIA GeForce RTX 5060 Ti 16GB
Memory Type	GDDR6	GDDR7
Interface Width	256-bit	128-bit
Interconnect	—	—
TDP	260 W	180 W
FP32 Efficiency	0.18 TFLOPS/W	0.13 TFLOPS/W