AMD Radeon RX 9060 XT 8GB vs NVIDIA GeForce RTX 4080 Super 16GB

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

OVERVIEW

	AMD Radeon RX 9060 XT 8GB	NVIDIA GeForce RTX 4080 Super 16GB
FP32 TFLOPS	**25.6**	**52.2**
Memory	**8 GB**	**16 GB**
Memory Bandwidth	**320 GB/s**	**736 GB/s**
TDP	**150 W**	**320 W**

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 9060 XT 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 4080 Super 16GB peak TFLOPS (dense)
FP64	—	0.8
FP32	25.6	52.2
TF32	—	52.2
BF16	—	104.4
FP16	103.0	104.4
FP8	205.0	208.9
FP6	—	—
FP4	—	—
INT8	205.0	417.8
INT4	410.0	—

SPECIFICATIONS

	AMD Radeon RX 9060 XT 8GB	NVIDIA GeForce RTX 4080 Super 16GB
Architecture	RDNA 4	Ada Lovelace
Process Node	—	4nm
Launch Year	2025	2024
Form Factor	PCIe	PCIe

	AMD Radeon RX 9060 XT 8GB	NVIDIA GeForce RTX 4080 Super 16GB
Memory Type	GDDR6	–
Interface Width	128-bit	–
Interconnect	–	–
TDP	150 W	320 W
FP32 Efficiency	0.17 TFLOPS/W	0.16 TFLOPS/W