



NVIDIA GeForce RTX 4080 Super 16GB vs NVIDIA RTX 5880 Ada 48GB

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

OVERVIEW

	NVIDIA GeForce RTX 4080 Super 16GB	NVIDIA RTX 5880 Ada 48GB
FP32 TFLOPS	52.2	69.3
Memory	16 GB	48 GB
Memory Bandwidth	736 GB/s	960 GB/s
TDP	320 W	285 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4080 Super 16GB peak TFLOPS (dense)	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)
FP64	0.8	—
FP32	52.2	69.3
TF32	52.2	—
BF16	104.4	—
FP16	104.4	—
FP8	208.9	554.2
FP6	—	—
FP4	—	—
INT8	417.8	—

SPECIFICATIONS

	NVIDIA GeForce RTX 4080 Super 16GB	NVIDIA RTX 5880 Ada 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2024	2024
Form Factor	PCIe	PCIe
Memory Type	—	GDDR6

	NVIDIA GeForce RTX 4080 Super 16GB	NVIDIA RTX 5880 Ada 48GB
Interface Width	—	384-bit
Interconnect	—	—
TDP	320 W	285 W
FP32 Efficiency	0.16 TFLOPS/W	0.24 TFLOPS/W