NVIDIA GeForce RTX 4070 Ti 12GB vs NVIDIA RTX 5880 Ada 48GB

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

OVERVIEW

	NVIDIA GeForce RTX 4070 Ti 12GB	NVIDIA RTX 5880 Ada 48GB
FP32 TFLOPS	**40.1**	**69.3**
Memory	**12 GB**	**48 GB**
Memory Bandwidth	**504 GB/s**	**960 GB/s**
TDP	**285 W**	**285 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4070 Ti 12GB peak TFLOPS (dense)	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)
FP64	0.6	—
FP32	40.1	69.3
TF32	40.1	—
BF16	80.2	—
FP16	80.2	—
FP8	160.4	554.2
FP6	—	—
FP4	—	—
INT8	320.7	—

SPECIFICATIONS

	NVIDIA GeForce RTX 4070 Ti 12GB	NVIDIA RTX 5880 Ada 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2023	2024
Form Factor	PCIe	PCIe
Memory Type	—	GDDR6
Interface Width	—	384-bit

	NVIDIA GeForce RTX 4070 Ti 12GB	NVIDIA RTX 5880 Ada 48GB
Interconnect	–	–
TDP	285 W	285 W
FP32 Efficiency	0.14 TFLOPS/W	0.24 TFLOPS/W