AMD Radeon RX 7800 XT 16GB vs NVIDIA GeForce RTX 5060 8GB

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

OVERVIEW

	AMD Radeon RX 7800 XT 16GB	NVIDIA GeForce RTX 5060 8GB
FP32 TFLOPS	**37.3**	**19.2**
Memory	**16 GB**	**8 GB**
Memory Bandwidth	**624 GB/s**	**448 GB/s**
TDP	**263 W**	**145 W**

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7800 XT 16GB peak TFLOPS (dense)	NVIDIA GeForce RTX 5060 8GB peak TFLOPS (dense)
FP64	–	0.3
FP32	37.3	19.2
TF32	–	19.2
BF16	–	38.4
FP16	74.6	76.8
FP8	–	153.5
FP6	–	–
FP4	–	307.0
INT8	74.6	153.5
INT4	149.0	–

SPECIFICATIONS

	AMD Radeon RX 7800 XT 16GB	NVIDIA GeForce RTX 5060 8GB
Architecture	RDNA 3	Blackwell
Process Node	5nm	4nm
Launch Year	2023	2025
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR7

	AMD Radeon RX 7800 XT 16GB	NVIDIA GeForce RTX 5060 8GB
Interface Width	256-bit	128-bit
Interconnect	–	–
TDP	263 W	145 W
FP32 Efficiency	0.14 TFLOPS/W	0.13 TFLOPS/W