AMD Radeon RX 6600 8GB vs NVIDIA GeForce RTX 3050 8GB

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

OVERVIEW

	AMD Radeon RX 6600 8GB	NVIDIA GeForce RTX 3050 8GB
FP32 TFLOPS	**8.9**	**9.1**
Memory	**8 GB**	**8 GB**
Memory Bandwidth	**224 GB/s**	**—**
TDP	**132 W**	**130 W**

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 6600 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 3050 8GB peak TFLOPS (dense)
FP64	—	0.1
FP32	8.9	9.1
TF32	—	9.1
BF16	—	18.2
FP16	17.9	18.2
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	72.8
INT4	—	145.6

SPECIFICATIONS

	AMD Radeon RX 6600 8GB	NVIDIA GeForce RTX 3050 8GB
Architecture	RDNA 2	Ampere
Process Node	7nm	8nm
Launch Year	2021	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	128-bit	128-bit

	AMD Radeon RX 6600 8GB	NVIDIA GeForce RTX 3050 8GB
Interconnect	–	–
TDP	132 W	130 W
FP32 Efficiency	0.07 TFLOPS/W	0.07 TFLOPS/W