

AMD Radeon RX 6750 XT 12GB vs NVIDIA GeForce RTX 2060 6GB

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

OVERVIEW

	AMD Radeon RX 6750 XT 12GB	NVIDIA GeForce RTX 2060 6GB
FP32 TFLOPS	13.3	6.5
Memory	12 GB	6 GB
Memory Bandwidth	432 GB/s	336 GB/s
TDP	250 W	160 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 6750 XT 12GB peak TFLOPS (dense)	NVIDIA GeForce RTX 2060 6GB peak TFLOPS (dense)
FP64	—	0.2
FP32	13.3	6.5
TF32	—	—
BF16	—	—
FP16	26.6	25.8
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	103.2
INT4	—	206.4

SPECIFICATIONS

	AMD Radeon RX 6750 XT 12GB	NVIDIA GeForce RTX 2060 6GB
Architecture	RDNA 2	Turing
Process Node	7nm	12nm
Launch Year	2022	2019
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6

	AMD Radeon RX 6750 XT 12GB	NVIDIA GeForce RTX 2060 6GB
Interface Width	192-bit	192-bit
Interconnect	—	—
TDP	250 W	160 W
FP32 Efficiency	0.05 TFLOPS/W	0.04 TFLOPS/W