

AMD Radeon RX 6700 10GB vs AMD Radeon RX 6900 XT 16GB

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

OVERVIEW

	AMD Radeon RX 6700 10GB	AMD Radeon RX 6900 XT 16GB
FP32 TFLOPS	11.3	23.0
VRAM	10 GB	16 GB
Memory Bandwidth	320 GB/s	512 GB/s
TDP	175 W	300 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 6700 10GB peak TFLOPS (dense)	AMD Radeon RX 6900 XT 16GB peak TFLOPS (dense)
FP64	—	—
FP32	11.3	23.0
TF32	—	—
BF16	—	—
FP16	22.6	46.1
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	AMD Radeon RX 6700 10GB	AMD Radeon RX 6900 XT 16GB
Architecture	RDNA 2	RDNA 2
Process Node	7nm	7nm
Launch Year	2021	2020
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	160-bit	256-bit
Interconnect	—	—

	AMD Radeon RX 6700 10GB	AMD Radeon RX 6900 XT 16GB
TDP	175 W	300 W
FP32 Efficiency	0.06 TFLOPS/W	0.08 TFLOPS/W