



AMD Radeon RX 6600 8GB vs AMD Radeon RX 6900 XT 16GB

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

OVERVIEW

	AMD Radeon RX 6600 8GB	AMD Radeon RX 6900 XT 16GB
FP32 TFLOPS	8.9	23.0
VRAM	8 GB	16 GB
Memory Bandwidth	224 GB/s	512 GB/s
TDP	132 W	300 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 6600 8GB peak TFLOPS (dense)	AMD Radeon RX 6900 XT 16GB peak TFLOPS (dense)
FP64	—	—
FP32	8.9	23.0
TF32	—	—
BF16	—	—
FP16	17.9	46.1
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	AMD Radeon RX 6600 8GB	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	128-bit	256-bit
Interconnect	—	—

	AMD Radeon RX 6600 8GB	AMD Radeon RX 6900 XT 16GB
TDP	132 W	300 W
FP32 Efficiency	0.07 TFLOPS/W	0.08 TFLOPS/W