

AMD Radeon RX 7600 8GB vs AMD Radeon RX 7900 GRE 16GB

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

OVERVIEW

	AMD Radeon RX 7600 8GB	AMD Radeon RX 7900 GRE 16GB
FP32 TFLOPS	21.7	46.0
VRAM	8 GB	16 GB
Memory Bandwidth	288 GB/s	576 GB/s
TDP	165 W	260 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7600 8GB peak TFLOPS (dense)	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)
FP64	—	—
FP32	21.7	46.0
TF32	—	—
BF16	—	—
FP16	43.5	92.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	43.5	92.0
INT4	87.0	184.0

SPECIFICATIONS

	AMD Radeon RX 7600 8GB	AMD Radeon RX 7900 GRE 16GB
Architecture	RDNA 3	RDNA 3
Process Node	6nm	5nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	128-bit	256-bit

	AMD Radeon RX 7600 8GB	AMD Radeon RX 7900 GRE 16GB
Interconnect	—	—
TDP	165 W	260 W
FP32 Efficiency	0.13 TFLOPS/W	0.18 TFLOPS/W