



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

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

OVERVIEW

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 GRE 16GB
FP32 TFLOPS	22.6	46.0
VRAM	16 GB	16 GB
Memory Bandwidth	288 GB/s	576 GB/s
TDP	190 W	260 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7600 XT 16GB peak TFLOPS (dense)	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)
FP64	—	—
FP32	22.6	46.0
TF32	—	—
BF16	—	—
FP16	45.1	92.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	45.1	92.0
INT4	90.2	184.0

SPECIFICATIONS

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 GRE 16GB
Architecture	RDNA 3	RDNA 3
Process Node	6nm	5nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe

	AMD Radeon RX 7600 XT 16GB	AMD Radeon RX 7900 GRE 16GB
Memory Type	GDDR6	GDDR6
Interface Width	128-bit	256-bit
Interconnect	—	—
TDP	190 W	260 W
FP32 Efficiency	0.12 TFLOPS/W	0.18 TFLOPS/W