



AMD Radeon RX 7900 GRE 16GB vs AMD Radeon RX 7900 XT 20GB

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

OVERVIEW

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon RX 7900 XT 20GB
FP32 TFLOPS	46.0	51.6
VRAM	16 GB	20 GB
Memory Bandwidth	576 GB/s	800 GB/s
TDP	260 W	315 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)	AMD Radeon RX 7900 XT 20GB peak TFLOPS (dense)
FP64	—	—
FP32	46.0	51.6
TF32	—	—
BF16	—	—
FP16	92.0	103.2
FP8	—	—
FP6	—	—
FP4	—	—
INT8	92.0	103.2
INT4	184.0	206.0

SPECIFICATIONS

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon RX 7900 XT 20GB
Architecture	RDNA 3	RDNA 3
Process Node	5nm	5nm
Launch Year	2023	2022
Form Factor	PCIe	PCIe

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon RX 7900 XT 20GB
Memory Type	GDDR6	—
Interface Width	256-bit	—
Interconnect	—	—
TDP	260 W	315 W
FP32 Efficiency	0.18 TFLOPS/W	0.16 TFLOPS/W