



AMD Radeon PRO W7700 16GB vs AMD Radeon RX 7900 GRE 16GB

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

OVERVIEW

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 GRE 16GB
FP32 TFLOPS	28.3	46.0
VRAM	16 GB	16 GB
Memory Bandwidth	576 GB/s	576 GB/s
TDP	190 W	260 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7700 16GB peak TFLOPS (dense)	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)
FP64	—	—
FP32	28.3	46.0
TF32	—	—
BF16	—	—
FP16	56.6	92.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	56.6	92.0
INT4	113.0	184.0

SPECIFICATIONS

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 GRE 16GB
Architecture	RDNA 3	RDNA 3
Process Node	5nm	5nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 GRE 16GB
Memory Type	GDDR6	GDDR6
Interface Width	256-bit	256-bit
Interconnect	—	—
TDP	190 W	260 W
FP32 Efficiency	0.15 TFLOPS/W	0.18 TFLOPS/W