



AMD Radeon RX 7900 GRE 16GB vs AMD Radeon PRO W7800 32GB

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

OVERVIEW

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon PRO W7800 32GB
FP32 TFLOPS	46.0	45.2
VRAM	16 GB	32 GB
Memory Bandwidth	576 GB/s	576 GB/s
TDP	260 W	260 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)	AMD Radeon PRO W7800 32GB peak TFLOPS (dense)
FP64	—	—
FP32	46.0	45.2
TF32	—	—
BF16	—	—
FP16	92.0	90.4
FP8	—	—
FP6	—	—
FP4	—	—
INT8	92.0	90.4
INT4	184.0	181.0

SPECIFICATIONS

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon PRO W7800 32GB
Architecture	RDNA 3	RDNA 3
Process Node	5nm	5nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe

	AMD Radeon RX 7900 GRE 16GB	AMD Radeon PRO W7800 32GB
Memory Type	GDDR6	GDDR6
Interface Width	256-bit	256-bit
Interconnect	—	—
TDP	260 W	260 W
FP32 Efficiency	0.18 TFLOPS/W	0.17 TFLOPS/W