

AMD Radeon PRO W7500 8GB vs AMD Radeon RX 7900 GRE 16GB

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

OVERVIEW

	AMD Radeon PRO W7500 8GB	AMD Radeon RX 7900 GRE 16GB
FP32 TFLOPS	12.2	46.0
VRAM	8 GB	16 GB
Memory Bandwidth	256 GB/s	576 GB/s
TDP	70 W	260 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7500 8GB peak TFLOPS (dense)	AMD Radeon RX 7900 GRE 16GB peak TFLOPS (dense)
FP64	—	—
FP32	12.2	46.0
TF32	—	—
BF16	—	—
FP16	24.4	92.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	24.4	92.0
INT4	49.0	184.0

SPECIFICATIONS

	AMD Radeon PRO W7500 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

	AMD Radeon PRO W7500 8GB	AMD Radeon RX 7900 GRE 16GB
Interface Width	128-bit	256-bit
Interconnect	—	—
TDP	70 W	260 W
FP32 Efficiency	0.17 TFLOPS/W	0.18 TFLOPS/W