

AMD Radeon PRO W7700 16GB vs AMD Radeon RX 7900 XT 20GB

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

OVERVIEW

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 XT 20GB
FP32 TFLOPS	28.3	51.6
VRAM	16 GB	20 GB
Memory Bandwidth	576 GB/s	800 GB/s
TDP	190 W	315 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7700 16GB peak TFLOPS (dense)	AMD Radeon RX 7900 XT 20GB peak TFLOPS (dense)
FP64	—	—
FP32	28.3	51.6
TF32	—	—
BF16	—	—
FP16	56.6	103.2
FP8	—	—
FP6	—	—
FP4	—	—
INT8	56.6	103.2
INT4	113.0	206.0

SPECIFICATIONS

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 XT 20GB
Architecture	RDNA 3	RDNA 3
Process Node	5nm	5nm
Launch Year	2023	2022
Form Factor	PCIe	PCIe
Memory Type	GDDR6	—

	AMD Radeon PRO W7700 16GB	AMD Radeon RX 7900 XT 20GB
Interface Width	256-bit	—
Interconnect	—	—
TDP	190 W	315 W
FP32 Efficiency	0.15 TFLOPS/W	0.16 TFLOPS/W