

AMD Radeon RX 7700 XT 12GB vs AMD Radeon PRO W7900 48GB

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

OVERVIEW

	AMD Radeon RX 7700 XT 12GB	AMD Radeon PRO W7900 48GB
FP32 TFLOPS	35.2	61.3
VRAM	12 GB	48 GB
Memory Bandwidth	432 GB/s	864 GB/s
TDP	245 W	295 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 7700 XT 12GB peak TFLOPS (dense)	AMD Radeon PRO W7900 48GB peak TFLOPS (dense)
FP64	—	—
FP32	35.2	61.3
TF32	—	—
BF16	—	—
FP16	70.3	123.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	70.3	123.0
INT4	141.0	245.0

SPECIFICATIONS

	AMD Radeon RX 7700 XT 12GB	AMD Radeon PRO W7900 48GB
Architecture	RDNA 3	RDNA 3
Process Node	5nm	5nm
Launch Year	2023	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6

	AMD Radeon RX 7700 XT 12GB	AMD Radeon PRO W7900 48GB
Interface Width	192-bit	384-bit
Interconnect	—	—
TDP	245 W	295 W
FP32 Efficiency	0.14 TFLOPS/W	0.21 TFLOPS/W