

AMD Radeon PRO W7900 48GB vs AMD Radeon RX 7900 XT 20GB

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

OVERVIEW

	AMD Radeon PRO W7900 48GB	AMD Radeon RX 7900 XT 20GB
FP32 TFLOPS	61.3	51.6
VRAM	48 GB	20 GB
Memory Bandwidth	864 GB/s	800 GB/s
TDP	295 W	315 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7900 48GB peak TFLOPS (dense)	AMD Radeon RX 7900 XT 20GB peak TFLOPS (dense)
FP64	—	—
FP32	61.3	51.6
TF32	—	—
BF16	—	—
FP16	123.0	103.2
FP8	—	—
FP6	—	—
FP4	—	—
INT8	123.0	103.2
INT4	245.0	206.0

SPECIFICATIONS

	AMD Radeon PRO W7900 48GB	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 W7900 48GB	AMD Radeon RX 7900 XT 20GB
Interface Width	384-bit	—
Interconnect	—	—
TDP	295 W	315 W
FP32 Efficiency	0.21 TFLOPS/W	0.16 TFLOPS/W