

AMD Radeon PRO W7700 16GB vs AMD Radeon PRO W7900 48GB

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

OVERVIEW

	AMD Radeon PRO W7700 16GB	AMD Radeon PRO W7900 48GB
FP32 TFLOPS	28.3	61.3
VRAM	16 GB	48 GB
Memory Bandwidth	576 GB/s	864 GB/s
TDP	190 W	295 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7700 16GB peak TFLOPS (dense)	AMD Radeon PRO W7900 48GB peak TFLOPS (dense)
FP64	—	—
FP32	28.3	61.3
TF32	—	—
BF16	—	—
FP16	56.6	123.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	56.6	123.0
INT4	113.0	245.0

SPECIFICATIONS

	AMD Radeon PRO W7700 16GB	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 PRO W7700 16GB	AMD Radeon PRO W7900 48GB
Interface Width	256-bit	384-bit
Interconnect	—	—
TDP	190 W	295 W
FP32 Efficiency	0.15 TFLOPS/W	0.21 TFLOPS/W