



AMD Radeon PRO W7900 Dual Slot 48GB vs NVIDIA A10 24GB

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

OVERVIEW

	AMD Radeon PRO W7900 Dual Slot 48GB	NVIDIA A10 24GB
FP32 TFLOPS	61.3	31.2
Memory	48 GB	24 GB
Memory Bandwidth	864 GB/s	600 GB/s
TDP	295 W	150 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7900 Dual Slot 48GB peak TFLOPS (dense)	NVIDIA A10 24GB peak TFLOPS (dense)
FP64	—	—
FP32	61.3	31.2
TF32	—	62.5
BF16	—	125.0
FP16	123.0	125.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	123.0	250.0
INT4	245.0	500.0

SPECIFICATIONS

	AMD Radeon PRO W7900 Dual Slot 48GB	NVIDIA A10 24GB
Architecture	RDNA 3	Ampere
Process Node	5nm	—
Launch Year	2024	2021
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	384-bit	192-bit

	AMD Radeon PRO W7900 Dual Slot 48GB	NVIDIA A10 24GB
Interconnect	—	—
TDP	295 W	150 W
FP32 Efficiency	0.21 TFLOPS/W	0.21 TFLOPS/W