

AMD Radeon RX 9070 GRE 12GB vs AMD Radeon AI PRO R9700 32GB

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

OVERVIEW

	AMD Radeon RX 9070 GRE 12GB	AMD Radeon AI PRO R9700 32GB
FP32 TFLOPS	34.3	47.8
VRAM	12 GB	32 GB
Memory Bandwidth	432 GB/s	640 GB/s
TDP	220 W	300 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon RX 9070 GRE 12GB peak TFLOPS (dense)	AMD Radeon AI PRO R9700 32GB peak TFLOPS (dense)
FP64	—	—
FP32	34.3	47.8
TF32	—	—
BF16	—	—
FP16	137.0	191.0
FP8	274.0	383.0
FP6	—	—
FP4	—	—
INT8	274.0	383.0
INT4	549.0	766.0

SPECIFICATIONS

	AMD Radeon RX 9070 GRE 12GB	AMD Radeon AI PRO R9700 32GB
Architecture	RDNA 4	RDNA 4
Process Node	—	—
Launch Year	2025	2025
Form Factor	PCIe	PCIe

	AMD Radeon RX 9070 GRE 12GB	AMD Radeon AI PRO R9700 32GB
Memory Type	GDDR6	GDDR6
Interface Width	192-bit	256-bit
Interconnect	—	—
TDP	220 W	300 W
FP32 Efficiency	0.16 TFLOPS/W	0.16 TFLOPS/W