

AMD Radeon AI PRO R9600D 32GB vs AMD Radeon RX 9070 GRE 12GB

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

OVERVIEW

	AMD Radeon AI PRO R9600D 32GB	AMD Radeon RX 9070 GRE 12GB
FP32 TFLOPS	24.8	34.3
Memory	32 GB	12 GB
Memory Bandwidth	640 GB/s	432 GB/s
TDP	150 W	220 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon AI PRO R9600D 32GB peak TFLOPS (dense)	AMD Radeon RX 9070 GRE 12GB peak TFLOPS (dense)
FP64	—	—
FP32	24.8	34.3
TF32	—	—
BF16	—	—
FP16	99.0	137.0
FP8	199.0	274.0
FP6	—	—
FP4	—	—
INT8	199.0	274.0
INT4	397.0	549.0

SPECIFICATIONS

	AMD Radeon AI PRO R9600D 32GB	AMD Radeon RX 9070 GRE 12GB
Architecture	RDNA 4	RDNA 4
Process Node	—	—
Launch Year	2025	2025
Form Factor	PCIe	PCIe

	AMD Radeon AI PRO R9600D 32GB	AMD Radeon RX 9070 GRE 12GB
Memory Type	GDDR6	GDDR6
Interface Width	256-bit	192-bit
Interconnect	—	—
TDP	150 W	220 W
FP32 Efficiency	0.17 TFLOPS/W	0.16 TFLOPS/W