

AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) vs NVIDIA RTX A5000 24GB

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

OVERVIEW

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA RTX A5000 24GB
FP32 TFLOPS	29.7	27.8
Memory	128 GB	24 GB
Memory Bandwidth	256 GB/s	768 GB/s
TDP	55 W	230 W

PERFORMANCE BY PRECISION

Precision	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) peak TFLOPS (dense)	NVIDIA RTX A5000 24GB peak TFLOPS (dense)
FP64	—	0.4
FP32	29.7	27.8
TF32	—	27.8
BF16	—	27.8
FP16	—	27.8
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	55.6

SPECIFICATIONS

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA RTX A5000 24GB
Architecture	RDNA 3.5	Ampere
Process Node	4nm	8nm
Launch Year	2025	2021
Form Factor	SoC	PCIe
Memory Type	LPDDR5X	—
Interface Width	256-bit	—

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA RTX A5000 24GB
Interconnect	—	—
TDP	55 W	230 W
FP32 Efficiency	0.54 TFLOPS/W	0.12 TFLOPS/W