



AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) vs NVIDIA DGX Spark

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

OVERVIEW

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA DGX Spark
FP32 TFLOPS	29.7	—
VRAM	128 GB	128 GB
Memory Bandwidth	256 GB/s	273 GB/s
TDP	55 W	140 W

PERFORMANCE BY PRECISION

Precision	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo) peak TFLOPS (dense)	NVIDIA DGX Spark peak TFLOPS (dense)
FP64	—	—
FP32	29.7	—
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	500.0
INT8	—	—

SPECIFICATIONS

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA DGX Spark
Architecture	RDNA 3.5	Grace Blackwell
Process Node	4nm	4nm
Launch Year	2025	2025
Form Factor	SoC	Desktop Workstation
Memory Type	LPDDR5X	—
Interface Width	256-bit	—

	AMD Ryzen AI Max+ 395 Radeon 8060S (Strix Halo)	NVIDIA DGX Spark
Interconnect	—	—
TDP	55 W	140 W
FP32 Efficiency	0.54 TFLOPS/W	—