

AMD Radeon PRO W6800 32GB vs AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo)

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

OVERVIEW

	AMD Radeon PRO W6800 32GB	AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo)
FP32 TFLOPS	17.8	22.9
Memory	32 GB	128 GB
Memory Bandwidth	512 GB/s	256 GB/s
TDP	250 W	55 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W6800 32GB peak TFLOPS (dense)	AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo) peak TFLOPS (dense)
FP64	1.1	—
FP32	17.8	22.9
TF32	—	—
BF16	—	—
FP16	35.7	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	AMD Radeon PRO W6800 32GB	AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo)
Architecture	RDNA 2	RDNA 3.5
Process Node	7nm	4nm
Launch Year	2021	2025
Form Factor	PCIe	SoC
Memory Type	GDDR6	LPDDR5X
Interface Width	256-bit	256-bit

	AMD Radeon PRO W6800 32GB	AMD Ryzen AI Max 385 Radeon 8050S (Strix Halo)
Interconnect	—	—
TDP	250 W	55 W
FP32 Efficiency	0.07 TFLOPS/W	0.42 TFLOPS/W