



AMD Radeon PRO W7600 8GB vs NVIDIA Jetson AGX Orin 64GB

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

OVERVIEW

	AMD Radeon PRO W7600 8GB	NVIDIA Jetson AGX Orin 64GB
FP32 TFLOPS	20.0	5.3
Memory	8 GB	64 GB
Memory Bandwidth	288 GB/s	205 GB/s
TDP	130 W	60 W

PERFORMANCE BY PRECISION

Precision	AMD Radeon PRO W7600 8GB peak TFLOPS (dense)	NVIDIA Jetson AGX Orin 64GB peak TFLOPS (dense)
FP64	—	—
FP32	20.0	5.3
TF32	—	—
BF16	—	—
FP16	40.0	43.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	40.0	85.0
INT4	80.0	—

SPECIFICATIONS

	AMD Radeon PRO W7600 8GB	NVIDIA Jetson AGX Orin 64GB
Architecture	RDNA 3	Ampere
Process Node	6nm	—
Launch Year	2023	2021
Form Factor	PCIe	Module
Memory Type	GDDR6	LPDDR5
Interface Width	128-bit	256-bit

	AMD Radeon PRO W7600 8GB	NVIDIA Jetson AGX Orin 64GB
Interconnect	—	—
TDP	130 W	60 W
FP32 Efficiency	0.15 TFLOPS/W	0.09 TFLOPS/W