

NVIDIA Jetson Orin Nano Super 8GB vs NVIDIA Jetson AGX Orin 64GB

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

OVERVIEW

	NVIDIA Jetson Orin Nano Super 8GB	NVIDIA Jetson AGX Orin 64GB
FP32 TFLOPS	—	5.3
VRAM	8 GB	64 GB
Memory Bandwidth	102 GB/s	205 GB/s
TDP	25 W	60 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Jetson Orin Nano Super 8GB peak TFLOPS (dense)	NVIDIA Jetson AGX Orin 64GB peak TFLOPS (dense)
FP64	—	—
FP32	—	5.3
TF32	—	—
BF16	—	—
FP16	—	43.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	33.0	85.0

SPECIFICATIONS

	NVIDIA Jetson Orin Nano Super 8GB	NVIDIA Jetson AGX Orin 64GB
Architecture	Ampere	Ampere
Process Node	—	—
Launch Year	2024	2021
Form Factor	Module	Module
Memory Type	LPDDR5	LPDDR5

	NVIDIA Jetson Orin Nano Super 8GB	NVIDIA Jetson AGX Orin 64GB
Interface Width	128-bit	256-bit
Interconnect	—	—
TDP	25 W	60 W
FP32 Efficiency	—	0.09 TFLOPS/W