NVIDIA Jetson AGX Thor T5000 128GB vs NVIDIA GeForce RTX 5090 32GB

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

OVERVIEW

	NVIDIA Jetson AGX Thor T5000 128GB	NVIDIA GeForce RTX 5090 32GB
FP32 TFLOPS	**8.1**	**104.8**
VRAM	**128 GB**	**32 GB**
Memory Bandwidth	**273 GB/s**	**1.8 TB/s**
TDP	**130 W**	**575 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA Jetson AGX Thor T5000 128GB peak TFLOPS (dense)	NVIDIA GeForce RTX 5090 32GB peak TFLOPS (dense)
FP64	–	1.6
FP32	8.1	104.8
TF32	–	104.8
BF16	–	209.5
FP16	–	419.1
FP8	517.0	838.2
FP6	–	–
FP4	1035.0	1676.0
INT8	517.0	838.2

SPECIFICATIONS

	NVIDIA Jetson AGX Thor T5000 128GB	NVIDIA GeForce RTX 5090 32GB
Architecture	Blackwell	Blackwell
Process Node	–	4nm
Launch Year	2025	2025
Form Factor	Module	PCIe
Memory Type	LPDDR5X	GDDR7

	NVIDIA Jetson AGX Thor T5000 128GB	NVIDIA GeForce RTX 5090 32GB
Interface Width	256-bit	512-bit
Interconnect	–	–
TDP	130 W	575 W
FP32 Efficiency	0.06 TFLOPS/W	0.18 TFLOPS/W