



NVIDIA A10G 24GB vs NVIDIA GeForce RTX 3090 24GB

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

OVERVIEW

	NVIDIA A10G 24GB	NVIDIA GeForce RTX 3090 24GB
FP32 TFLOPS	35.0	35.6
VRAM	24 GB	24 GB
Memory Bandwidth	600 GB/s	936 GB/s
TDP	300 W	350 W

PERFORMANCE BY PRECISION

Precision	NVIDIA A10G 24GB peak TFLOPS (dense)	NVIDIA GeForce RTX 3090 24GB peak TFLOPS (dense)
INT8	140.0	284.0
INT4	280.0	568.0
FP16	70.0	71.0
BF16	70.0	71.0
TF32	35.0	35.6
FP32	35.0	35.6
FP64	—	0.6

SPECIFICATIONS

	NVIDIA A10G 24GB	NVIDIA GeForce RTX 3090 24GB
Architecture	Ampere	Ampere
Process Node	8nm	8nm
Launch Year	2022	2020
Form Factor	PCIe	PCIe
Memory Type	GDDR6	—
Interface Width	—	—
Interconnect	—	—

	NVIDIA A10G 24GB	NVIDIA GeForce RTX 3090 24GB
TDP	300 W	350 W
FP32 Efficiency	0.12 TFLOPS/W	0.10 TFLOPS/W