



NVIDIA A10G 24GB vs NVIDIA A40 48GB

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

OVERVIEW

	NVIDIA A10G 24GB	NVIDIA A40 48GB
FP32 TFLOPS	35.0	37.4
VRAM	24 GB	48 GB
Memory Bandwidth	600 GB/s	696 GB/s
TDP	300 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA A10G 24GB peak TFLOPS (dense)	NVIDIA A40 48GB peak TFLOPS (dense)
INT8	140.0	299.3
INT4	280.0	598.7
FP16	70.0	149.7
BF16	70.0	149.7
TF32	35.0	74.8
FP32	35.0	37.4

SPECIFICATIONS

	NVIDIA A10G 24GB	NVIDIA A40 48GB
Architecture	Ampere	Ampere
Process Node	8nm	—
Launch Year	2022	2021
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	—	384-bit
Interconnect	—	—
TDP	300 W	300 W
FP32 Efficiency	0.12 TFLOPS/W	0.12 TFLOPS/W

