

NVIDIA L2 24GB vs NVIDIA L40 48GB

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

OVERVIEW

	NVIDIA L2 24GB	NVIDIA L40 48GB
FP32 TFLOPS	24.1	90.5
Memory	24 GB	48 GB
Memory Bandwidth	300 GB/s	864 GB/s
TDP	—	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA L2 24GB peak TFLOPS (dense)	NVIDIA L40 48GB peak TFLOPS (dense)
FP64	—	—
FP32	24.1	90.5
TF32	48.3	90.5
BF16	96.5	181.1
FP16	96.5	181.1
FP8	—	362.0
FP6	—	—
FP4	—	—
INT8	193.0	362.0
INT4	—	724.0

SPECIFICATIONS

	NVIDIA L2 24GB	NVIDIA L40 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	TSMC 4N	4nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	—	—

	NVIDIA L2 24GB	NVIDIA L40 48GB
Interconnect	—	—
TDP	—	300 W
FP32 Efficiency	—	0.30 TFLOPS/W