



NVIDIA GeForce RTX 4070 SUPER 12GB vs NVIDIA L40 48GB

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

OVERVIEW

	NVIDIA GeForce RTX 4070 SUPER 12GB	NVIDIA L40 48GB
FP32 TFLOPS	35.5	90.5
VRAM	12 GB	48 GB
Memory Bandwidth	–	864 GB/s
TDP	220 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4070 SUPER 12GB peak TFLOPS (dense)	NVIDIA L40 48GB peak TFLOPS (dense)
FP64	0.6	–
FP32	35.5	90.5
TF32	35.5	90.5
BF16	71.0	181.1
FP16	71.0	181.1
FP8	141.9	362.0
FP6	–	–
FP4	–	–
INT8	283.9	362.0
INT4	–	724.0

SPECIFICATIONS

	NVIDIA GeForce RTX 4070 SUPER 12GB	NVIDIA L40 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6X	GDDR6
Interface Width	192-bit	–

	NVIDIA GeForce RTX 4070 SUPER 12GB	NVIDIA L40 48GB
Interconnect	—	—
TDP	220 W	300 W
FP32 Efficiency	0.16 TFLOPS/W	0.30 TFLOPS/W