



NVIDIA RTX 5880 Ada 48GB vs NVIDIA L40 48GB

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

OVERVIEW

	NVIDIA RTX 5880 Ada 48GB	NVIDIA L40 48GB
FP32 TFLOPS	69.3	90.5
Memory	48 GB	48 GB
Memory Bandwidth	960 GB/s	864 GB/s
TDP	285 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)	NVIDIA L40 48GB peak TFLOPS (dense)
FP64	—	—
FP32	69.3	90.5
TF32	—	90.5
BF16	—	181.1
FP16	—	181.1
FP8	554.2	362.0
FP6	—	—
FP4	—	—
INT8	—	362.0
INT4	—	724.0

SPECIFICATIONS

	NVIDIA RTX 5880 Ada 48GB	NVIDIA L40 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	384-bit	—

	NVIDIA RTX 5880 Ada 48GB	NVIDIA L40 48GB
Interconnect	—	—
TDP	285 W	300 W
FP32 Efficiency	0.24 TFLOPS/W	0.30 TFLOPS/W