



NVIDIA L20 48GB vs NVIDIA RTX 5880 Ada 48GB

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

OVERVIEW

	NVIDIA L20 48GB	NVIDIA RTX 5880 Ada 48GB
FP32 TFLOPS	59.8	69.3
Memory	48 GB	48 GB
Memory Bandwidth	864 GB/s	960 GB/s
TDP	275 W	285 W

PERFORMANCE BY PRECISION

Precision	NVIDIA L20 48GB peak TFLOPS (dense)	NVIDIA RTX 5880 Ada 48GB peak TFLOPS (dense)
FP64	—	—
FP32	59.8	69.3
TF32	59.8	—
BF16	119.5	—
FP16	119.5	—
FP8	239.0	554.2
FP6	—	—
FP4	—	—
INT8	239.0	—

SPECIFICATIONS

	NVIDIA L20 48GB	NVIDIA RTX 5880 Ada 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	—	4nm
Launch Year	2024	2024
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	—	384-bit
Interconnect	—	—

	NVIDIA L20 48GB	NVIDIA RTX 5880 Ada 48GB
TDP	275 W	285 W
FP32 Efficiency	0.22 TFLOPS/W	0.24 TFLOPS/W