



NVIDIA L40S 48GB vs Rebellions ATOM-Max

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

OVERVIEW

	NVIDIA L40S 48GB	Rebellions ATOM-Max
FP32 TFLOPS	91.6	—
Memory	48 GB	64 GB
Memory Bandwidth	864 GB/s	1.0 TB/s
TDP	350 W	350 W

PERFORMANCE BY PRECISION

Precision	NVIDIA L40S 48GB peak TFLOPS (dense)	Rebellions ATOM-Max peak TFLOPS (dense)
FP64	1.4	—
FP32	91.6	—
TF32	183.0	—
BF16	362.1	—
FP16	362.1	128.0
FP8	733.0	—
FP6	—	—
FP4	—	—
INT8	733.0	512.0
INT4	733.0	1024.0

SPECIFICATIONS

	NVIDIA L40S 48GB	Rebellions ATOM-Max
Architecture	Ada Lovelace	ATOM
Process Node	4nm	—
Launch Year	2023	2024
Form Factor	PCIe	PCIe
Memory Type	—	GDDR6
Interface Width	—	—

	NVIDIA L40S 48GB	Rebellions ATOM-Max
Interconnect	—	MCIO
TDP	350 W	350 W
FP32 Efficiency	0.26 TFLOPS/W	—