



SambaNova SN40L vs SambaNova SN50

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

OVERVIEW

	SambaNova SN40L	SambaNova SN50
FP32 TFLOPS	—	—
Memory	64 GB	64 GB
Memory Bandwidth	1.8 TB/s	—
TDP	—	—

PERFORMANCE BY PRECISION

Precision	SambaNova SN40L peak TFLOPS (dense)	SambaNova SN50 peak TFLOPS (dense)
FP64	—	—
FP32	—	—
TF32	—	—
BF16	638.0	1600.0
FP16	—	—
FP8	—	3200.0
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	SambaNova SN40L	SambaNova SN50
Architecture	RDU	RDU
Process Node	5nm	5nm
Launch Year	—	2026
Form Factor	—	Custom
Memory Type	HBM	HBM2E
Interface Width	—	—
Interconnect	—	—

	SambaNova SN40L	SambaNova SN50
TDP	—	—
FP32 Efficiency	—	—