

Google TPU v4 32GB vs Google TPU v7 192GB

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

OVERVIEW

	Google TPU v4 32GB	Google TPU v7 192GB
FP32 TFLOPS	—	—
VRAM	32 GB	192 GB
Memory Bandwidth	1.2 TB/s	7.4 TB/s
TDP	—	—

PERFORMANCE BY PRECISION

Precision	Google TPU v4 32GB peak TFLOPS (dense)	Google TPU v7 192GB peak TFLOPS (dense)
INT8	275.0	—
FP8	—	4614.0
BF16	275.0	2307.0

SPECIFICATIONS

	Google TPU v4 32GB	Google TPU v7 192GB
Architecture	TPU	TPU
Process Node	—	—
Launch Year	2020	2025
Form Factor	—	—
Memory Type	HBM2	HBM
Interface Width	—	—
Interconnect	—	—
TDP	—	—
FP32 Efficiency	—	—