Google TPU 8t vs Google TPU v5p 95GB

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

OVERVIEW

	Google TPU 8t	Google TPU v5p 95GB
FP32 TFLOPS	–	–
Memory	216 GB	95 GB
Memory Bandwidth	6.5 TB/s	2.8 TB/s
TDP	–	450 W

PERFORMANCE BY PRECISION

Precision	Google TPU 8t peak TFLOPS (dense)	Google TPU v5p 95GB peak TFLOPS (dense)
FP64	–	–
FP32	–	–
TF32	–	–
BF16	–	459.0
FP16	–	–
FP8	–	459.0
FP6	–	–
FP4	12600.0	–
INT8	–	–

SPECIFICATIONS

	Google TPU 8t	Google TPU v5p 95GB
Architecture	TPU 8	TPU v5p
Process Node	–	5nm
Launch Year	2026	2023
Form Factor	–	Custom
Memory Type	HBM3e	–
Interface Width	–	–
Interconnect	–	–

	Google TPU 8t	Google TPU v5p 95GB
TDP	–	450 W
FP32 Efficiency	–	–