



NVIDIA Tesla P40 24GB vs NVIDIA Tesla P4 8GB

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

OVERVIEW

	NVIDIA Tesla P40 24GB	NVIDIA Tesla P4 8GB
FP32 TFLOPS	12.0	5.5
VRAM	24 GB	8 GB
Memory Bandwidth	346 GB/s	192 GB/s
TDP	250 W	75 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Tesla P40 24GB peak TFLOPS (dense)	NVIDIA Tesla P4 8GB peak TFLOPS (dense)
INT8	47.0	22.0
FP32	12.0	5.5

SPECIFICATIONS

	NVIDIA Tesla P40 24GB	NVIDIA Tesla P4 8GB
Architecture	Pascal	Pascal
Process Node	16nm	16nm
Launch Year	2016	2016
Form Factor	PCIe	PCIe
Memory Type	GDDR5	GDDR5
Interface Width	—	—
Interconnect	—	—
TDP	250 W	75 W
FP32 Efficiency	0.05 TFLOPS/W	0.07 TFLOPS/W