NVIDIA Tesla K80 24GB vs NVIDIA Tesla P4 8GB

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

OVERVIEW

	NVIDIA Tesla K80 24GB	NVIDIA Tesla P4 8GB
FP32 TFLOPS	**5.6**	**5.5**
Memory	**24 GB**	**8 GB**
Memory Bandwidth	**480 GB/s**	**192 GB/s**
TDP	**300 W**	**75 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA Tesla K80 24GB peak TFLOPS (dense)	NVIDIA Tesla P4 8GB peak TFLOPS (dense)
FP64	1.9	–
FP32	5.6	5.5
TF32	–	–
BF16	–	–
FP16	–	–
FP8	–	–
FP6	–	–
FP4	–	–
INT8	–	22.0

SPECIFICATIONS

	NVIDIA Tesla K80 24GB	NVIDIA Tesla P4 8GB
Architecture	Kepler	Pascal
Process Node	28nm	16nm
Launch Year	2014	2016
Form Factor	PCIe	PCIe
Memory Type	GDDR5	GDDR5
Interface Width	–	–
Interconnect	–	–

	NVIDIA Tesla K80 24GB	NVIDIA Tesla P4 8GB
TDP	300 W	75 W
FP32 Efficiency	0.02 TFLOPS/W	0.07 TFLOPS/W