NVIDIA GeForce GTX 1080 Ti 11GB vs NVIDIA Quadro P4000 8GB

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

OVERVIEW

	NVIDIA GeForce GTX 1080 Ti 11GB	NVIDIA Quadro P4000 8GB
FP32 TFLOPS	**11.3**	**5.3**
Memory	**11 GB**	**8 GB**
Memory Bandwidth	**484 GB/s**	**243 GB/s**
TDP	**250 W**	**105 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce GTX 1080 Ti 11GB peak TFLOPS (dense)	NVIDIA Quadro P4000 8GB peak TFLOPS (dense)
FP64	—	—
FP32	11.3	5.3
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	NVIDIA GeForce GTX 1080 Ti 11GB	NVIDIA Quadro P4000 8GB
Architecture	Pascal	Pascal
Process Node	16nm	16nm
Launch Year	2017	2017
Form Factor	PCIe	PCIe
Memory Type	GDDR5X	GDDR5
Interface Width	352-bit	256-bit
Interconnect	—	—

	NVIDIA GeForce GTX 1080 Ti 11GB	NVIDIA Quadro P4000 8GB
TDP	250 W	105 W
FP32 Efficiency	0.05 TFLOPS/W	0.05 TFLOPS/W