



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

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

OVERVIEW

	NVIDIA GeForce GTX 1080 8GB	NVIDIA GeForce GTX 1080 Ti 11GB
FP32 TFLOPS	8.9	11.3
Memory	8 GB	11 GB
Memory Bandwidth	320 GB/s	484 GB/s
TDP	180 W	250 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce GTX 1080 8GB peak TFLOPS (dense)	NVIDIA GeForce GTX 1080 Ti 11GB peak TFLOPS (dense)
FP64	—	—
FP32	8.9	11.3
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	NVIDIA GeForce GTX 1080 8GB	NVIDIA GeForce GTX 1080 Ti 11GB
Architecture	Pascal	Pascal
Process Node	16nm	16nm
Launch Year	2016	2017
Form Factor	PCIe	PCIe
Memory Type	GDDR5X	GDDR5X

	NVIDIA GeForce GTX 1080 8GB	NVIDIA GeForce GTX 1080 Ti 11GB
Interface Width	256-bit	352-bit
Interconnect	—	—
TDP	180 W	250 W
FP32 Efficiency	0.05 TFLOPS/W	0.05 TFLOPS/W