



NVIDIA Titan Xp 12GB vs NVIDIA GeForce GTX 1080 Ti 11GB

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

OVERVIEW

	NVIDIA Titan Xp 12GB	NVIDIA GeForce GTX 1080 Ti 11GB
FP32 TFLOPS	12.2	11.3
VRAM	12 GB	11 GB
Memory Bandwidth	548 GB/s	484 GB/s
TDP	250 W	250 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Titan Xp 12GB peak TFLOPS (dense)	NVIDIA GeForce GTX 1080 Ti 11GB peak TFLOPS (dense)
FP64	—	—
FP32	12.2	11.3
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	NVIDIA Titan Xp 12GB	NVIDIA GeForce GTX 1080 Ti 11GB
Architecture	Pascal	Pascal
Process Node	16nm	16nm
Launch Year	2017	2017
Form Factor	PCIe	PCIe
Memory Type	GDDR5X	GDDR5X
Interface Width	384-bit	352-bit
Interconnect	—	—

	NVIDIA Titan Xp 12GB	NVIDIA GeForce GTX 1080 Ti 11GB
TDP	250 W	250 W
FP32 Efficiency	0.05 TFLOPS/W	0.05 TFLOPS/W