



NVIDIA Quadro P2000 5GB vs NVIDIA Titan Xp 12GB

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

OVERVIEW

	NVIDIA Quadro P2000 5GB	NVIDIA Titan Xp 12GB
FP32 TFLOPS	3.0	12.2
Memory	5 GB	12 GB
Memory Bandwidth	140 GB/s	548 GB/s
TDP	75 W	250 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Quadro P2000 5GB peak TFLOPS (dense)	NVIDIA Titan Xp 12GB peak TFLOPS (dense)
FP64	—	—
FP32	3.0	12.2
TF32	—	—
BF16	—	—
FP16	—	—
FP8	—	—
FP6	—	—
FP4	—	—
INT8	—	—

SPECIFICATIONS

	NVIDIA Quadro P2000 5GB	NVIDIA Titan Xp 12GB
Architecture	Pascal	Pascal
Process Node	16nm	16nm
Launch Year	2017	2017
Form Factor	PCIe	PCIe
Memory Type	GDDR5	GDDR5X
Interface Width	160-bit	384-bit
Interconnect	—	—

	NVIDIA Quadro P2000 5GB	NVIDIA Titan Xp 12GB
TDP	75 W	250 W
FP32 Efficiency	0.04 TFLOPS/W	0.05 TFLOPS/W