NVIDIA GeForce RTX 2070 8GB vs NVIDIA T4 16GB

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

OVERVIEW

	NVIDIA GeForce RTX 2070 8GB	NVIDIA T4 16GB
FP32 TFLOPS	**7.9**	**8.1**
Memory	**8 GB**	**16 GB**
Memory Bandwidth	**448 GB/s**	**300 GB/s**
TDP	**185 W**	**70 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 2070 8GB peak TFLOPS (dense)	NVIDIA T4 16GB peak TFLOPS (dense)
FP64	0.2	–
FP32	7.9	8.1
TF32	–	–
BF16	–	–
FP16	31.5	65.0
FP8	–	–
FP6	–	–
FP4	–	–
INT8	126.0	130.0
INT4	252.1	260.0

SPECIFICATIONS

	NVIDIA GeForce RTX 2070 8GB	NVIDIA T4 16GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2018	2019
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	256-bit	–

	NVIDIA GeForce RTX 2070 8GB	NVIDIA T4 16GB
Interconnect	–	–
TDP	185 W	70 W
FP32 Efficiency	0.04 TFLOPS/W	0.12 TFLOPS/W