

NVIDIA GeForce RTX 2080 8GB vs NVIDIA GeForce RTX 2080 Ti 11GB

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

OVERVIEW

	NVIDIA GeForce RTX 2080 8GB	NVIDIA GeForce RTX 2080 Ti 11GB
FP32 TFLOPS	10.6	14.2
VRAM	8 GB	11 GB
Memory Bandwidth	448 GB/s	616 GB/s
TDP	225 W	260 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 2080 8GB peak TFLOPS (dense)	NVIDIA GeForce RTX 2080 Ti 11GB peak TFLOPS (dense)
FP64	0.3	0.4
FP32	10.6	14.2
TF32	—	—
BF16	—	—
FP16	42.4	56.9
FP8	—	—
FP6	—	—
FP4	—	—
INT8	169.6	227.7
INT4	339.1	455.4

SPECIFICATIONS

	NVIDIA GeForce RTX 2080 8GB	NVIDIA GeForce RTX 2080 Ti 11GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2018	2018
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6

	NVIDIA GeForce RTX 2080 8GB	NVIDIA GeForce RTX 2080 Ti 11GB
Interface Width	256-bit	352-bit
Interconnect	NVLink	NVLink
TDP	225 W	260 W
FP32 Efficiency	0.05 TFLOPS/W	0.05 TFLOPS/W