



NVIDIA GeForce RTX 2080 Ti 11GB vs NVIDIA Quadro RTX 8000 48GB

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

OVERVIEW

	NVIDIA GeForce RTX 2080 Ti 11GB	NVIDIA Quadro RTX 8000 48GB
FP32 TFLOPS	14.2	16.3
VRAM	11 GB	48 GB
Memory Bandwidth	616 GB/s	672 GB/s
TDP	260 W	295 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 2080 Ti 11GB peak TFLOPS (dense)	NVIDIA Quadro RTX 8000 48GB peak TFLOPS (dense)
FP64	0.4	0.5
FP32	14.2	16.3
TF32	—	—
BF16	—	—
FP16	56.9	130.5
FP8	—	—
FP6	—	—
FP4	—	—
INT8	227.7	261.0
INT4	455.4	522.0

SPECIFICATIONS

	NVIDIA GeForce RTX 2080 Ti 11GB	NVIDIA Quadro RTX 8000 48GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2018	2018
Form Factor	PCIe	PCIe

	NVIDIA GeForce RTX 2080 Ti 11GB	NVIDIA Quadro RTX 8000 48GB
Memory Type	GDDR6	GDDR6
Interface Width	352-bit	384-bit
Interconnect	NVLink	NVLink
TDP	260 W	295 W
FP32 Efficiency	0.05 TFLOPS/W	0.06 TFLOPS/W