NVIDIA Quadro RTX 8000 48GB vs NVIDIA T1000 8GB

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

OVERVIEW

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T1000 8GB
FP32 TFLOPS	**16.3**	**2.5**
Memory	**48 GB**	**8 GB**
Memory Bandwidth	**672 GB/s**	**160 GB/s**
TDP	**295 W**	**50 W**

PERFORMANCE BY PRECISION

Precision	NVIDIA Quadro RTX 8000 48GB peak TFLOPS (dense)	NVIDIA T1000 8GB peak TFLOPS (dense)
FP64	0.5	0.1
FP32	16.3	2.5
TF32	—	—
BF16	—	—
FP16	130.5	5.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	261.0	—
INT4	522.0	—

SPECIFICATIONS

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T1000 8GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2018	2021
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	384-bit	128-bit

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T1000 8GB
Interconnect	NVLink	–
TDP	295 W	50 W
FP32 Efficiency	0.06 TFLOPS/W	0.05 TFLOPS/W