



NVIDIA Quadro RTX 8000 48GB vs NVIDIA T4 16GB

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

OVERVIEW

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T4 16GB
FP32 TFLOPS	16.3	8.1
VRAM	48 GB	16 GB
Memory Bandwidth	672 GB/s	300 GB/s
TDP	295 W	70 W

PERFORMANCE BY PRECISION

Precision	NVIDIA Quadro RTX 8000 48GB peak TFLOPS (dense)	NVIDIA T4 16GB peak TFLOPS (dense)
FP64	0.5	—
FP32	16.3	8.1
TF32	—	—
BF16	—	—
FP16	130.5	65.0
FP8	—	—
FP6	—	—
FP4	—	—
INT8	261.0	130.0
INT4	522.0	260.0

SPECIFICATIONS

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T4 16GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2018	2019
Form Factor	PCIe	PCIe
Memory Type	GDDR6	GDDR6
Interface Width	384-bit	—

	NVIDIA Quadro RTX 8000 48GB	NVIDIA T4 16GB
Interconnect	NVLink	—
TDP	295 W	70 W
FP32 Efficiency	0.06 TFLOPS/W	0.12 TFLOPS/W