# NVIDIA Quadro RTX 8000 48GB vs NVIDIA T1000 4GB

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

## OVERVIEW

| | NVIDIA Quadro RTX 8000 48GB | NVIDIA T1000 4GB |
|---|---|---|
| FP32 TFLOPS | **16.3** | **2.5** |
| Memory | **48 GB** | **4 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 4GB 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 4GB |
|---|---|---|
| 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 4GB |
|---|---|---|
| Interconnect | NVLink | – |
| TDP | 295 W | 50 W |
| FP32 Efficiency | 0.06 TFLOPS/W | 0.05 TFLOPS/W |