



# NVIDIA GeForce RTX 4060 Ti 8GB vs NVIDIA L40S 48GB

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

## OVERVIEW

|                  | NVIDIA GeForce RTX 4060 Ti 8GB | NVIDIA L40S 48GB |
|------------------|--------------------------------|------------------|
| FP32 TFLOPS      | 22.1                           | 91.6             |
| VRAM             | 8 GB                           | 48 GB            |
| Memory Bandwidth | —                              | 864 GB/s         |
| TDP              | 160 W                          | 350 W            |

## PERFORMANCE BY PRECISION

| Precision | NVIDIA GeForce RTX 4060 Ti 8GB peak TFLOPS (dense) | NVIDIA L40S 48GB peak TFLOPS (dense) |
|-----------|----------------------------------------------------|--------------------------------------|
| FP64      | 0.3                                                | 1.4                                  |
| FP32      | 22.1                                               | 91.6                                 |
| TF32      | 22.1                                               | 183.0                                |
| BF16      | 44.1                                               | 362.1                                |
| FP16      | 44.1                                               | 362.1                                |
| FP8       | 88.3                                               | 733.0                                |
| FP6       | —                                                  | —                                    |
| FP4       | —                                                  | —                                    |
| INT8      | 176.5                                              | 733.0                                |
| INT4      | —                                                  | 733.0                                |

## SPECIFICATIONS

|                 | NVIDIA GeForce RTX 4060 Ti 8GB | NVIDIA L40S 48GB |
|-----------------|--------------------------------|------------------|
| Architecture    | Ada Lovelace                   | Ada Lovelace     |
| Process Node    | 4nm                            | 4nm              |
| Launch Year     | 2023                           | 2023             |
| Form Factor     | PCIe                           | PCIe             |
| Memory Type     | GDDR6                          | —                |
| Interface Width | 128-bit                        | —                |

|                 | NVIDIA GeForce RTX 4060 Ti 8GB | NVIDIA L40S 48GB |
|-----------------|--------------------------------|------------------|
| Interconnect    | —                              | —                |
| TDP             | 160 W                          | 350 W            |
| FP32 Efficiency | 0.14 TFLOPS/W                  | 0.26 TFLOPS/W    |