



# NVIDIA GeForce RTX 4060 Ti 16GB vs NVIDIA L40 48GB

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

## OVERVIEW

|                  | NVIDIA GeForce RTX 4060 Ti 16GB | NVIDIA L40 48GB |
|------------------|---------------------------------|-----------------|
| FP32 TFLOPS      | 22.1                            | 90.5            |
| VRAM             | 16 GB                           | 48 GB           |
| Memory Bandwidth | —                               | 864 GB/s        |
| TDP              | 165 W                           | 300 W           |

## PERFORMANCE BY PRECISION

| Precision | NVIDIA GeForce RTX 4060 Ti 16GB peak TFLOPS (dense) | NVIDIA L40 48GB peak TFLOPS (dense) |
|-----------|-----------------------------------------------------|-------------------------------------|
| FP64      | 0.3                                                 | —                                   |
| FP32      | 22.1                                                | 90.5                                |
| TF32      | 22.1                                                | 90.5                                |
| BF16      | 44.1                                                | 181.1                               |
| FP16      | 44.1                                                | 181.1                               |
| FP8       | 88.3                                                | 362.0                               |
| FP6       | —                                                   | —                                   |
| FP4       | —                                                   | —                                   |
| INT8      | 176.5                                               | 362.0                               |
| INT4      | —                                                   | 724.0                               |

## SPECIFICATIONS

|                 | NVIDIA GeForce RTX 4060 Ti 16GB | NVIDIA L40 48GB |
|-----------------|---------------------------------|-----------------|
| Architecture    | Ada Lovelace                    | Ada Lovelace    |
| Process Node    | 4nm                             | 4nm             |
| Launch Year     | 2023                            | 2023            |
| Form Factor     | PCIe                            | PCIe            |
| Memory Type     | GDDR6                           | GDDR6           |
| Interface Width | 128-bit                         | —               |

|                 | NVIDIA GeForce RTX 4060 Ti 16GB | NVIDIA L40 48GB |
|-----------------|---------------------------------|-----------------|
| Interconnect    | —                               | —               |
| TDP             | 165 W                           | 300 W           |
| FP32 Efficiency | 0.13 TFLOPS/W                   | 0.30 TFLOPS/W   |