

NVIDIA L40S 48GB

Ada Lovelace

PCIe

2023

4nm

OVERVIEW

91.6

FP32 TFLOPS

48 GB

VRAM

864 GB/s

Memory Bandwidth

350 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	733.0	8	Standard
FP8	733.0	8	Standard
FP16	733.0	16	Standard
BF16	733.0	16	Standard
TF32	366.0	32	Standard
FP32	91.6	32	Standard
FP64	1.4	64	Standard

MEMORY SPECIFICATIONS

Capacity	48 GB
Type	—
Bandwidth	864 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	350 W
Est. Max Power	402 W
FP32 Efficiency	0.26 TFLOPS/W
FP16 Efficiency	2.09 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Ada Lovelace	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2023	Variant: 48GB