



NVIDIA L4 24GB

Ada Lovelace

PCIe

2023

4nm

OVERVIEW

30.3

FP32 TFLOPS

24 GB

VRAM

300 GB/s

Memory Bandwidth

72 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	485.0	8	Standard
FP8	485.0	8	Standard
FP16	242.0	16	Standard
BF16	242.0	16	Standard
TF32	121.0	32	Standard
FP32	30.3	32	Standard
FP64	0.4	64	Standard

MEMORY SPECIFICATIONS

Capacity	24 GB
Type	—
Bandwidth	300 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	72 W
Est. Max Power	83 W
FP32 Efficiency	0.42 TFLOPS/W
FP16 Efficiency	3.36 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Ada Lovelace	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2023	Variant: 24GB