

NVIDIA GeForce RTX 4070 Ti 12GB

Ada Lovelace

PCIe

2023

4nm

OVERVIEW

40.1

FP32 TFLOPS

12 GB

VRAM

504 GB/s

Memory Bandwidth

285 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	160.4	8	Standard
FP8	160.4	8	Standard
FP16	80.2	16	Standard
BF16	80.2	16	Standard
TF32	40.1	32	Standard
FP32	40.1	32	Standard
FP64	0.6	64	Standard

MEMORY SPECIFICATIONS

Capacity	12 GB
Type	—
Bandwidth	504 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	285 W
Est. Max Power	328 W
FP32 Efficiency	0.14 TFLOPS/W
FP16 Efficiency	0.28 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Ada Lovelace	Process Node: 4nm
Form Factor: PCIe	Launch Year: 2023	Variant: 12GB