

NVIDIA RTX 6000 Ada 48GB

Ada Lovelace

PCIe

2023

4nm

OVERVIEW

91.1

FP32 TFLOPS

48 GB

VRAM

960 GB/s

Memory Bandwidth

300 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
FP8	728.5	8	Standard
FP32	91.1	32	Standard

MEMORY SPECIFICATIONS

Capacity	48 GB
Type	—
Bandwidth	960 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	0.30 TFLOPS/W
FP16 Efficiency	—

HARDWARE DETAILS

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