

# NVIDIA RTX A6000 48GB

Ampere PCIe 2020 8nm

## OVERVIEW

**38.7**

FP32 TFLOPS

**48 GB**

VRAM

**768 GB/s**

Memory Bandwidth

**300 W**

TDP

## PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	77.4	8	Standard
FP16	38.7	16	Standard
BF16	38.7	16	Standard
TF32	38.7	32	Standard
FP32	38.7	32	Standard
FP64	0.6	64	Standard

## MEMORY SPECIFICATIONS

Capacity	48 GB
Type	—
Bandwidth	768 GB/s
Interface Width	—

## POWER & EFFICIENCY

TDP	300 W
Est. Max Power	345 W
FP32 Efficiency	0.13 TFLOPS/W
FP16 Efficiency	0.13 TFLOPS/W

## HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Ampere	Process Node: 8nm
Form Factor: PCIe	Launch Year: 2020	Variant: 48GB