



NVIDIA RTX A5000 24GB

Ampere PCIe 2021 8nm

OVERVIEW

27.8 FP32 TFLOPS	24 GB VRAM	768 GB/s Memory Bandwidth	230 W TDP
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PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	55.6	8	Standard
FP16	27.8	16	Standard
BF16	27.8	16	Standard
TF32	27.8	32	Standard
FP32	27.8	32	Standard
FP64	0.4	64	Standard

MEMORY SPECIFICATIONS

Capacity	24 GB
Type	—
Bandwidth	768 GB/s
Interface Width	—

POWER & EFFICIENCY

TDP	230 W
Est. Max Power	265 W
FP32 Efficiency	0.12 TFLOPS/W
FP16 Efficiency	0.12 TFLOPS/W

HARDWARE DETAILS

Vendor: NVIDIA	Architecture: Ampere	Process Node: 8nm
Form Factor: PCIe	Launch Year: 2021	Variant: 24GB