

NVIDIA A30 24GB

Ampere PCIe 2021

OVERVIEW

10.3

FP32 TFLOPS

24 GB

VRAM HBM2e

933 GB/s

Memory Bandwidth

165 W

TDP

PERFORMANCE METRICS

Precision	Peak TFLOPS	Bits	Type
INT8	330.0	8	Standard
INT4	661.0	4	Standard
FP16	165.0	16	Standard
BF16	165.0	16	Standard
TF32	82.0	32	Standard
FP32	10.3	32	Standard
FP64	5.2	64	Standard

MEMORY SPECIFICATIONS

Capacity	24 GB
Type	HBM2e
Bandwidth	933 GB/s
Interface Width	384-bit

POWER & EFFICIENCY

TDP	165 W
Est. Max Power	190 W
FP32 Efficiency	0.06 TFLOPS/W
FP16 Efficiency	1.00 TFLOPS/W

HARDWARE DETAILS

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