

## NVIDIA RTX™ A400 GPU Technical Specifications

### PRODUCT SPECIFICATIONS

Architecture	NVIDIA Ampere Architecture
Foundry	Samsung
Process Size	8N NVIDIA Custom Process
Transistors	8.7 billion
Die Size	200 mm <sup>2</sup>
CUDA Parallel Processing cores	768
NVIDIA Tensor Cores	24
NVIDIA RT Cores	6
Single-Precision Performance <sup>1</sup>	2.7 TFLOPS
RT Core Performance <sup>1</sup>	5.3 TFLOPS
Tensor Performance <sup>1</sup>	21.7 TFLOPS <sup>2</sup>
GPU Memory	4 GB GDDR6
Memory Interface	64-bit
Memory Bandwidth	96 GB/s
Max Power Consumption	50W
Graphics Bus	PCI Express 4.0 x8 <sup>3</sup>
Display Connectors	mDP 1.4a (4)
Form Factor	2.7" (H) x 6.4" (L) Single Slot
Product Weight	140 g (Low Profile Bracket) 146 g (ATX Bracket)
Thermal Solution	Active Fan
NVENC   NVDEC	1x   1x (+AV1 decode)

<sup>1</sup> Peak rates are based on GPU boost clock.

<sup>2</sup> Effective FP16 TFLOPS using the sparsity feature.

<sup>3</sup> RTX A400 utilizes a full length PCIe Gen 4 x8 interface.