

NVIDIA® RTX™ A4000

SPECIFICATIONS

Architecture	NVIDIA Ampere Architecture
Process Size	8nm
Transistors	17.4 Billion
Die Size	392.5 mm ²
CUDA Cores	6144
Tensor Cores	192
RT Cores	48
Single Precision Performance	19.2 TFLOPS
RT Core Performance	37.4 TFLOPS
Tensor Performance	153.4 TFLOPS
GPU Memory	16 GB GDDR6 with ECC
Memory Interface	256-bit
Memory Bandwidth	448 GB/sec
Display Connectors	4x DisplayPort 1.4a
NVENC NVDEC	1x 1x (+ AV1 decode)
System Interface	PCI Express 4.0 x16
Form Factor	4.4" H x 9.5" L Single Slot
Thermal Solution	Active Fansink
Maximum Power Consumption	140 W
Power Connector	1x 6-pin PCIe
Max Digital Resolution	7680 x 4320 x36 bpp at 60 Hz
NVIDIA 3D Vision and 3D Vision Pro	Support via 3-pin mini DIN
Frame Lock	Optional NVIDIA Quadro Sync II