



NVIDIA GeForce RTX 2060 Super 8GB vs NVIDIA Quadro RTX 6000 24GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA GeForce RTX 2060 Super 8GB	NVIDIA Quadro RTX 6000 24GB
FP32 TFLOPS	7.2	16.3
VRAM	8 GB	24 GB
Memory Bandwidth	448 GB/s	672 GB/s
TDP	175 W	295 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 2060 Super 8GB peak TFLOPS (dense)	NVIDIA Quadro RTX 6000 24GB peak TFLOPS (dense)
FP64	0.2	0.5
FP32	7.2	16.3
TF32	—	—
BF16	—	—
FP16	28.7	130.5
FP8	—	—
FP6	—	—
FP4	—	—
INT8	114.9	261.0
INT4	229.8	522.0

SPECIFICATIONS

	NVIDIA GeForce RTX 2060 Super 8GB	NVIDIA Quadro RTX 6000 24GB
Architecture	Turing	Turing
Process Node	12nm	12nm
Launch Year	2019	2018
Form Factor	PCIe	PCIe

	NVIDIA GeForce RTX 2060 Super 8GB	NVIDIA Quadro RTX 6000 24GB
Memory Type	GDDR6	GDDR6
Interface Width	256-bit	384-bit
Interconnect	—	NVLink
TDP	175 W	295 W
FP32 Efficiency	0.04 TFLOPS/W	0.06 TFLOPS/W